

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063035.D
 Acq On : 27 Jan 2025 23:07
 Operator : MD/SY
 Sample : Q1192-03MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 07:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	97331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	55130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12412	3.547	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.904	69	13077	4.923	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.554	65	10138	4.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.605	46	45466	44.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.540%
24) Chloroform-d	5.049	84	62613	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.689	65	36621	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.714	84	90145	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.679	67	22835	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.885	98	94517	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.171	79	15199	4.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.618	63	39726	48.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24241	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	46502	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	38635	4.431	ug/L	99
3) Chloromethane	1.518	50	16564	3.950	ug/L	96
5) Vinyl chloride	1.599	62	19804	4.230	ug/L	92
6) Bromomethane	1.846	94	9872	4.407	ug/L	84
8) Chloroethane	1.927	64	13018	5.506	ug/L	97
9) Trichlorofluoromethane	2.129	101	62900	5.314	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	30671	5.266	ug/L	89
12) 1,1-Dichloroethene	2.570	96	26116	5.165	ug/L	85
13) Acetone	2.612	43	35926	54.713	ug/L	95
14) Carbon disulfide	2.782	76	67713	5.227	ug/L	100
15) Methyl Acetate	2.940	43	5956	4.723	ug/L	94
16) Methylene chloride	3.030	84	26373	4.948	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	80546	5.318	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	28219	5.215	ug/L	91
19) 1,1-Dichloroethane	3.853	63	46139	4.919	ug/L	97
21) 2-Butanone	4.682	43	44589	49.789	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	31173	4.821	ug/L	95
23) Bromochloromethane	4.959	128	17379	5.355	ug/L #	77
25) Chloroform	5.071	83	65681	4.847	ug/L	96

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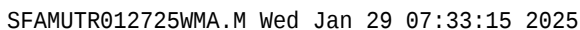
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 ClientSampleId :

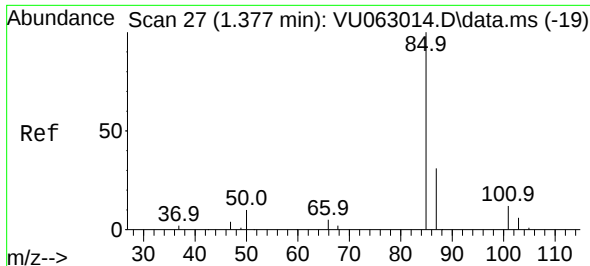
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46728	4.920	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	71220	5.043	ug/L	97
30) Cyclohexane	5.374	56	29617	4.503	ug/L #	76
31) Carbon tetrachloride	5.512	117	67419	4.959	ug/L	97
33) Benzene	5.759	78	105218	4.769	ug/L	100
34) Trichloroethene	6.531	95	35693	4.761	ug/L	91
35) Methylcyclohexane	6.750	83	43473	4.602	ug/L	90
37) 1,2-Dichloropropane	6.779	63	23158	4.667	ug/L #	95
38) Bromodichloromethane	7.094	83	49703	4.998	ug/L	96
39) cis-1,3-Dichloropropene	7.595	75	45926	4.916	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	114540	47.847	ug/L #	94
42) Toluene	7.959	91	128750	4.909	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	42581	4.948	ug/L	96
45) 1,1,2-Trichloroethane	8.386	97	24609	5.269	ug/L	91
47) Tetrachloroethene	8.541	164	34315	5.262	ug/L	95
48) 2-Hexanone	8.669	43	82169	49.487	ug/L #	95
49) Dibromochloromethane	8.798	129	38535	5.287	ug/L	96
50) 1,2-Dibromoethane	8.910	107	24526	5.199	ug/L	98
51) Chlorobenzene	9.435	112	92445	5.084	ug/L	96
52) Ethylbenzene	9.560	91	154116	5.042	ug/L	99
53) m,p-Xylene	9.682	106	59137	5.010	ug/L	98
54) o-Xylene	10.090	106	58932	5.450	ug/L	95
55) Styrene	10.103	104	91416	5.001	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	24996	4.784	ug/L #	89
59) Bromoform	10.280	173	25797	4.924	ug/L #	98
60) Isopropylbenzene	10.473	105	169480	4.851	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	20676	4.660	ug/L	92
62) 1,3,5-Trimethylbenzene	11.078	105	143577	4.688	ug/L	97
63) 1,2,4-Trimethylbenzene	11.457	105	144531	4.989	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	87261	4.920	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	86201	4.845	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	80072	4.799	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	6247	5.325	ug/L	87
69) 1,3,5-Trichlorobenzene	13.209	180	71125	5.020	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	59114	5.331	ug/L	98
71) Naphthalene	14.077	128	87963	6.182	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	51185	5.342	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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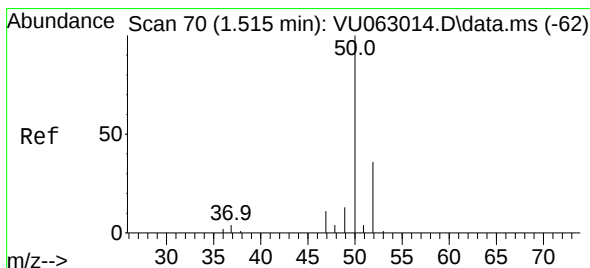
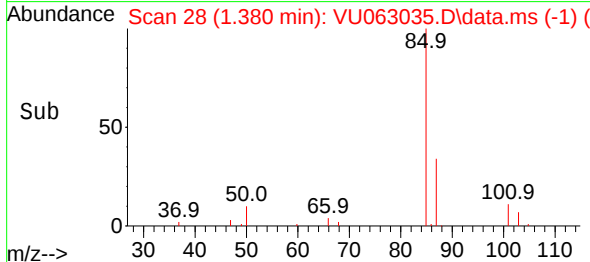
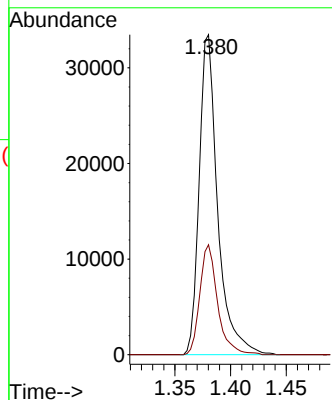
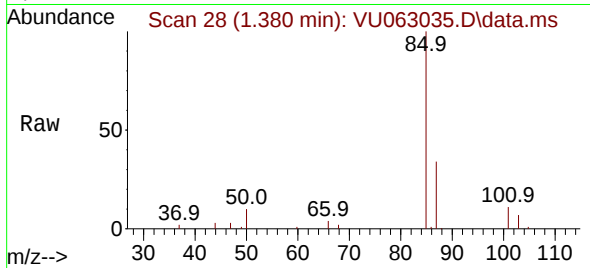




#2
 Dichlorodifluoromethane
 Concen: 4.431 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063035.D
 Acq: 27 Jan 2025 23:07

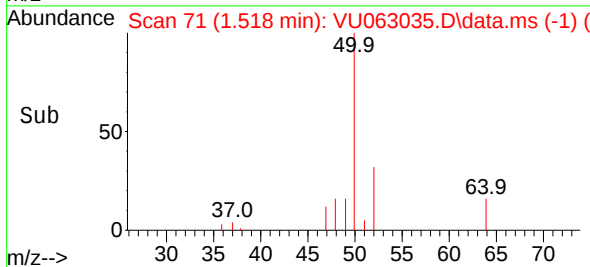
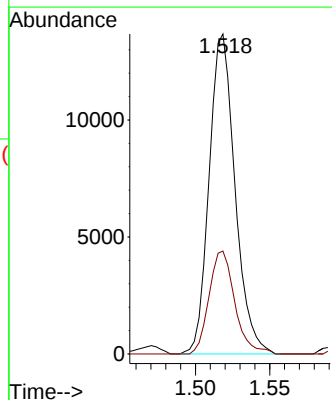
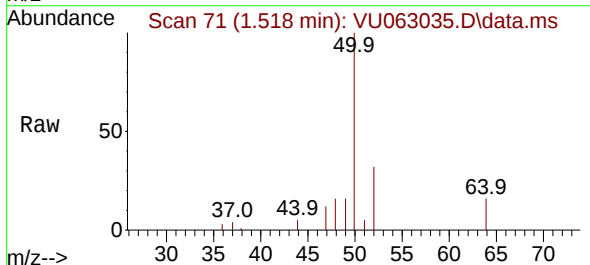
Instrument :
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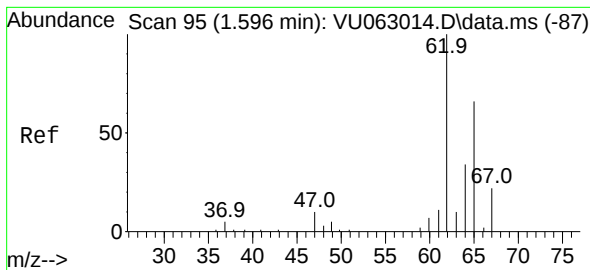
Tgt Ion: 85 Resp: 38635
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.1 39.1



#3
 Chloromethane
 Concen: 3.950 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU063035.D
 Acq: 27 Jan 2025 23:07

Tgt Ion: 50 Resp: 16564
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.1 44.7





#5

Vinyl chloride

Concen: 4.230 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.003 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

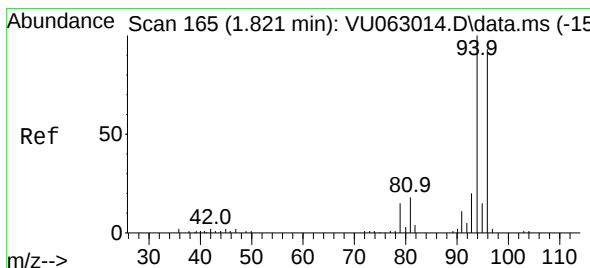
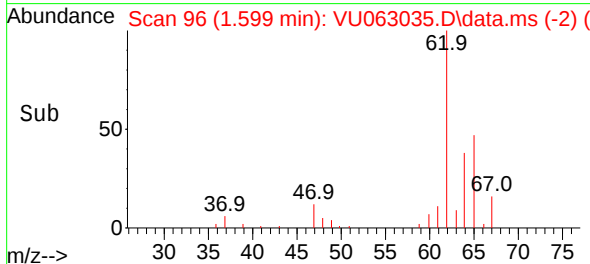
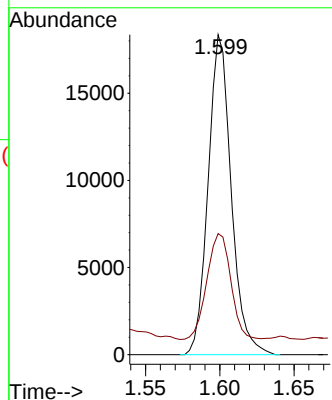
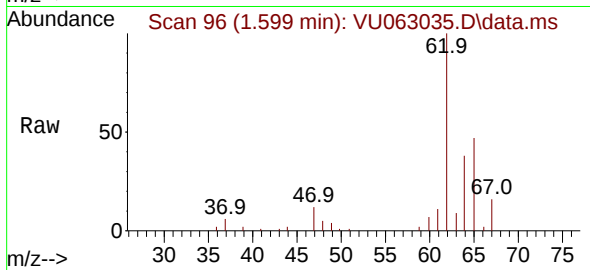
ClientSampleId :

Tgt Ion: 62 Resp: 19804

Ion Ratio Lower Upper

62 100

64 37.9 23.4 43.4



#6

Bromomethane

Concen: 4.407 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.026 min

Lab File: VU063035.D

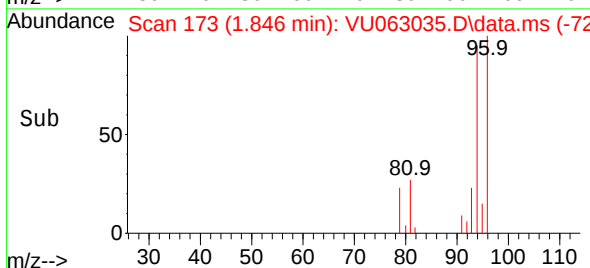
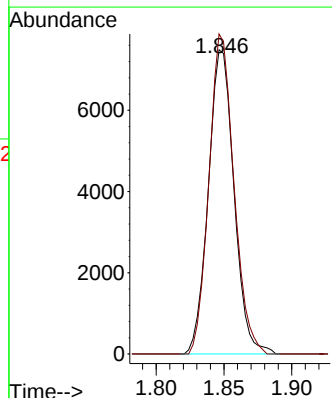
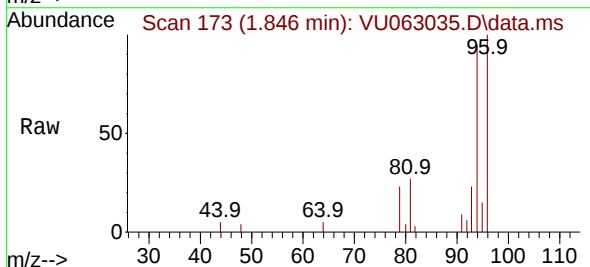
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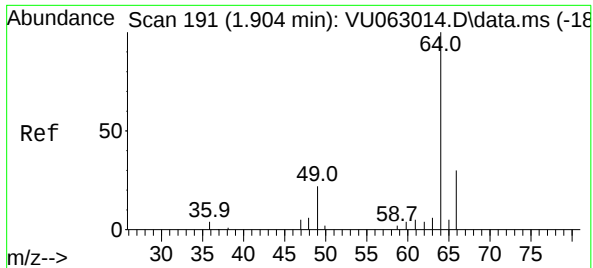
Tgt Ion: 94 Resp: 9872

Ion Ratio Lower Upper

94 100

96 105.2 62.9 116.7

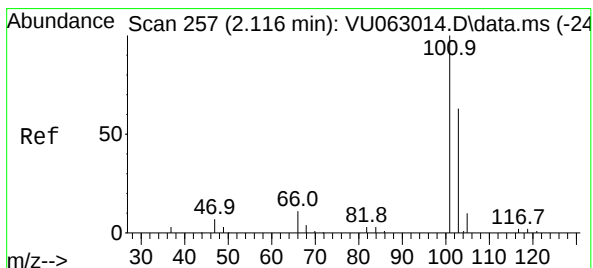
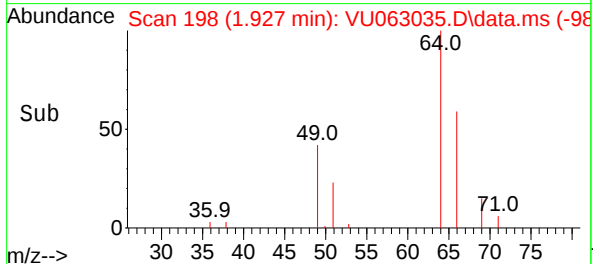
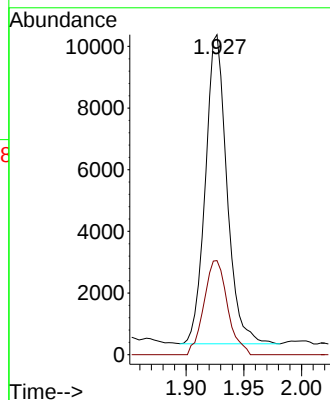
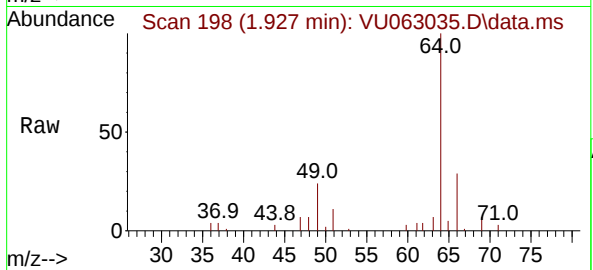




#8
Chloroethane
Concen: 5.506 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.023 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

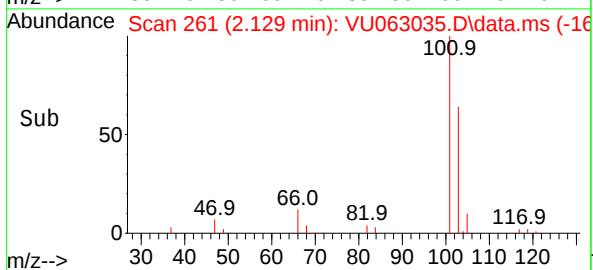
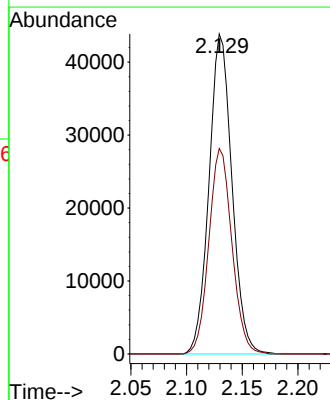
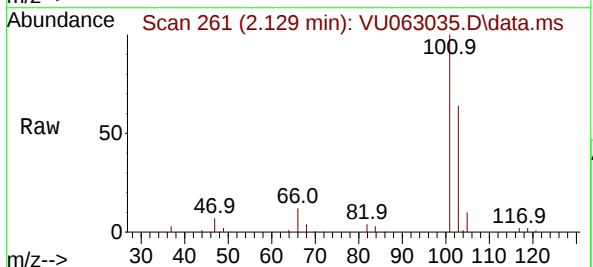
Instrument :
MSVOA_U
ClientSampleId :

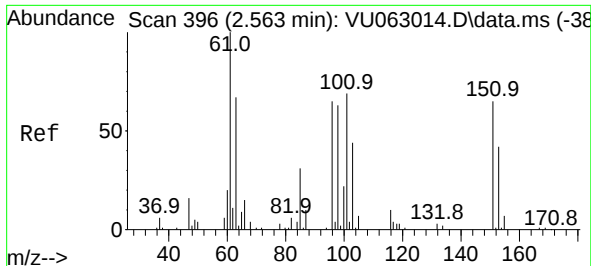
Tgt Ion: 64 Resp: 13018
Ion Ratio Lower Upper
64 100
66 29.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.314 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.013 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion:101 Resp: 62900
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

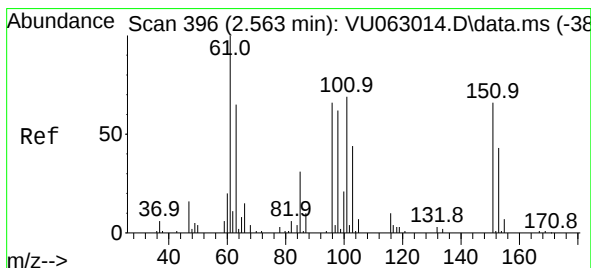
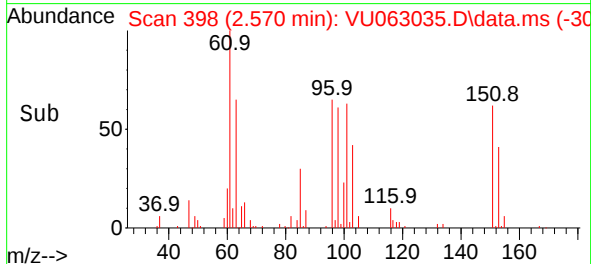
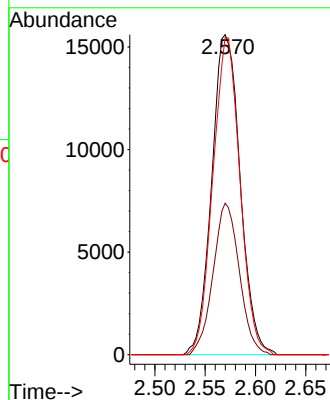
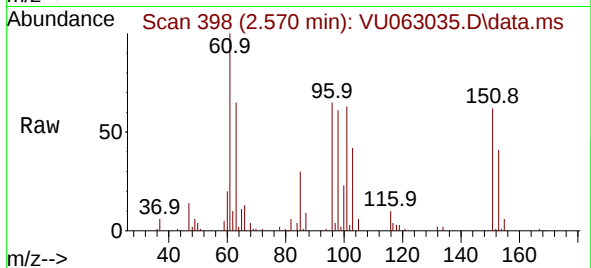




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.266 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.006 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

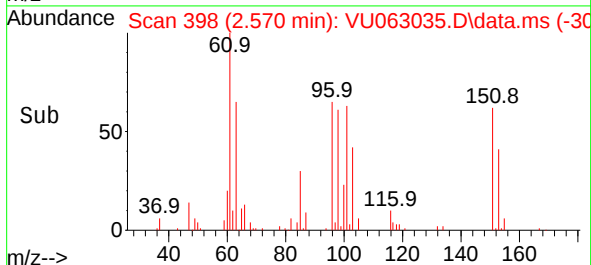
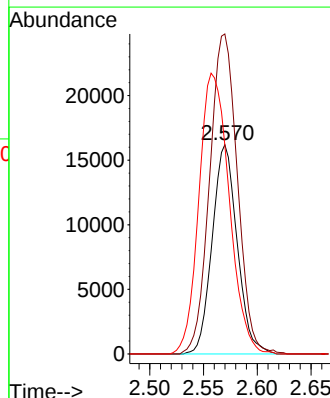
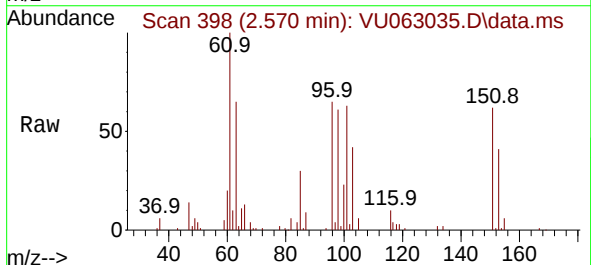
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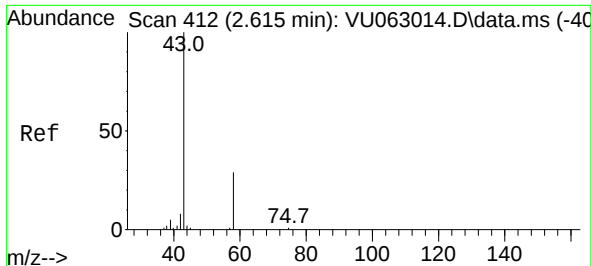
Tgt Ion:101 Resp: 30671
Ion Ratio Lower Upper
101 100
85 43.7 37.0 55.6
151 94.4 64.4 96.6



#12
1,1-Dichloroethene
Concen: 5.165 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.006 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion: 96 Resp: 26116
Ion Ratio Lower Upper
96 100
61 152.9 120.4 223.6
63 99.8 82.3 152.9

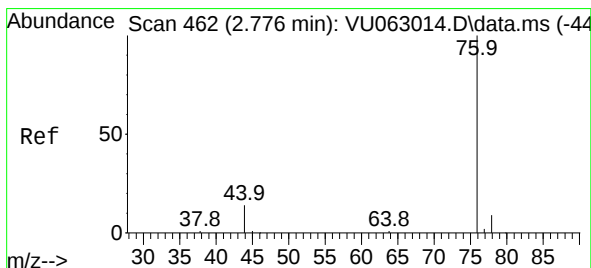
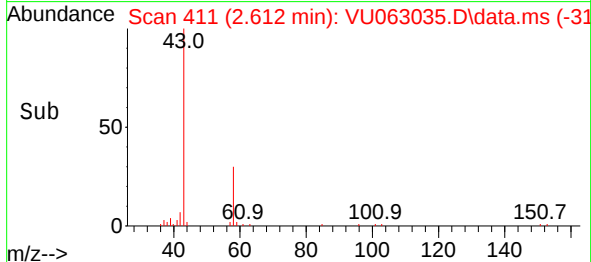
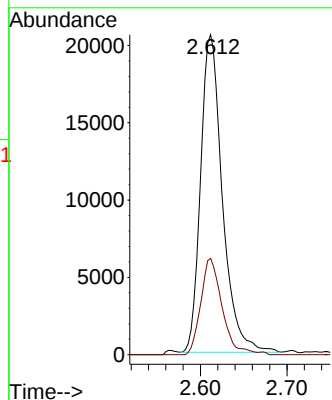
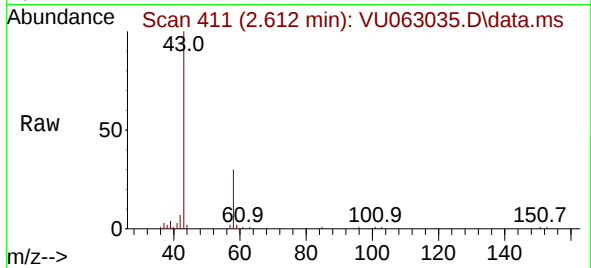




#13
Acetone
Concen: 54.713 ug/L
RT: 2.612 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

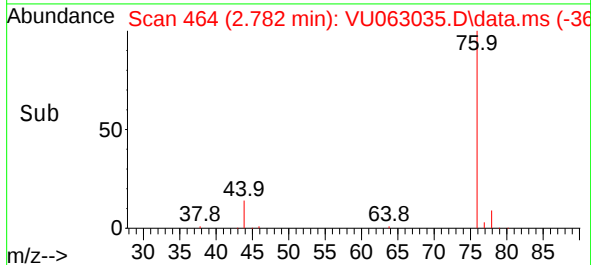
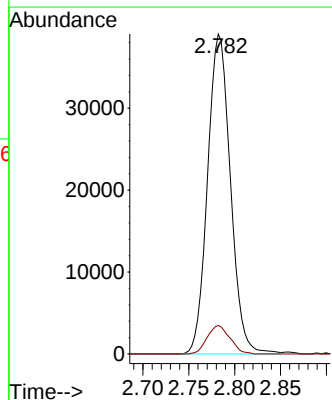
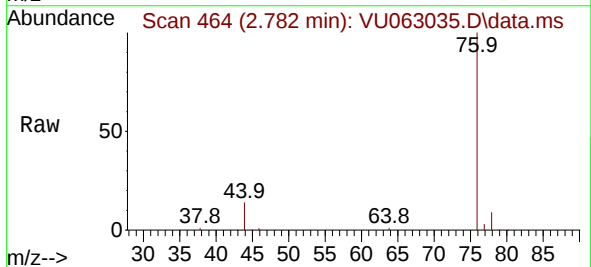
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ClientSampleId :

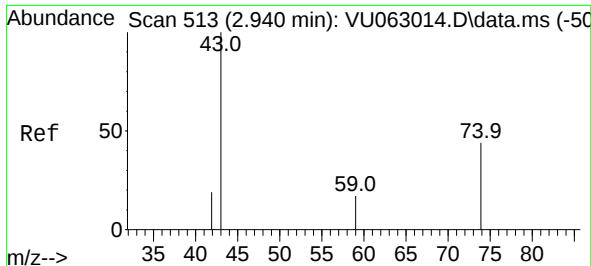
Tgt Ion: 43 Resp: 35926
Ion Ratio Lower Upper
43 100
58 29.5 0.0 64.4



#14
Carbon disulfide
Concen: 5.227 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.006 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion: 76 Resp: 67713
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6





#15

Methyl Acetate

Concen: 4.723 ug/L

RT: 2.940 min Scan# 513

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

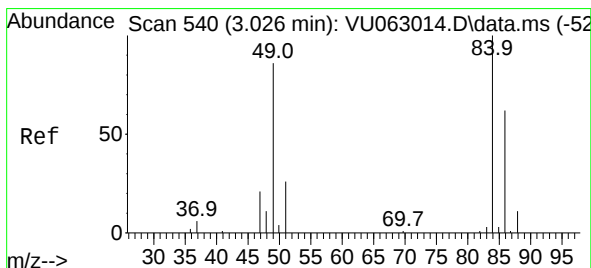
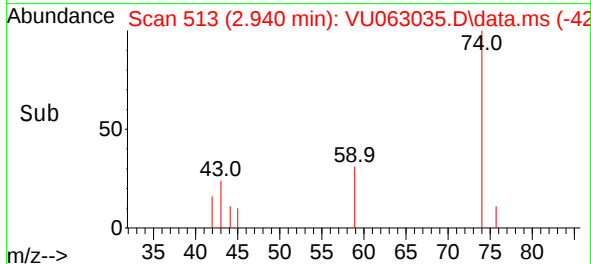
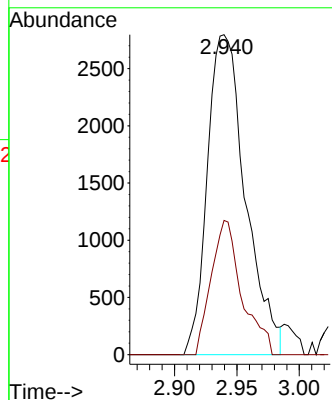
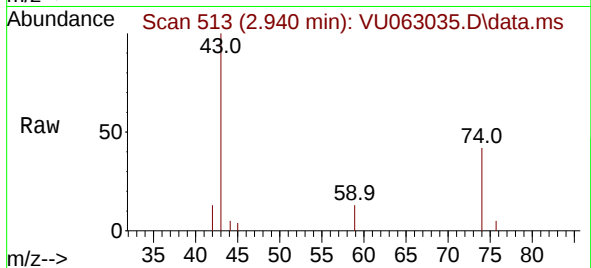
ClientSampleId :

Tgt Ion: 43 Resp: 5956

Ion Ratio Lower Upper

43 100

74 33.7 24.4 36.6



#16

Methylene chloride

Concen: 4.948 ug/L

RT: 3.030 min Scan# 541

Delta R.T. 0.003 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

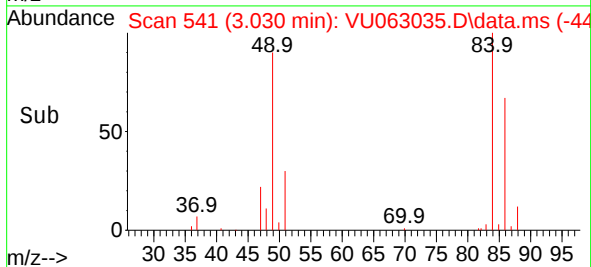
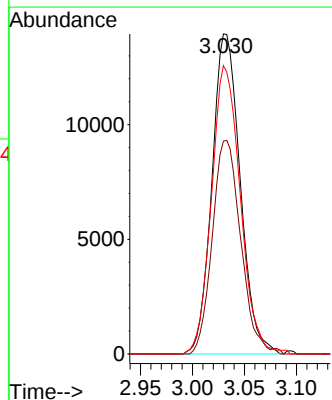
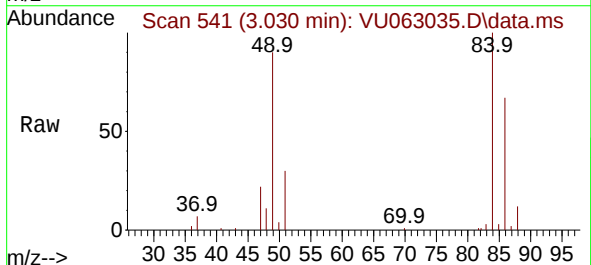
Tgt Ion: 84 Resp: 26373

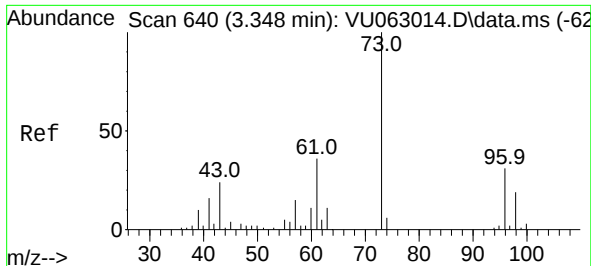
Ion Ratio Lower Upper

84 100

86 66.5 44.7 83.1

49 90.1 68.3 126.9

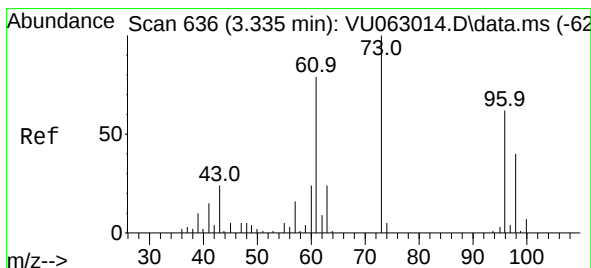
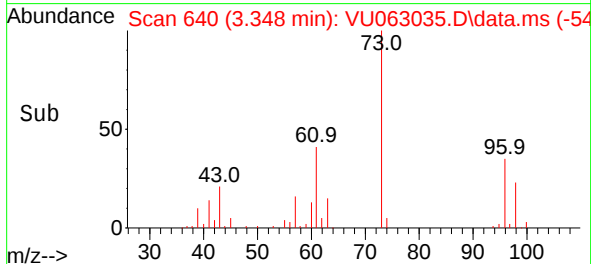
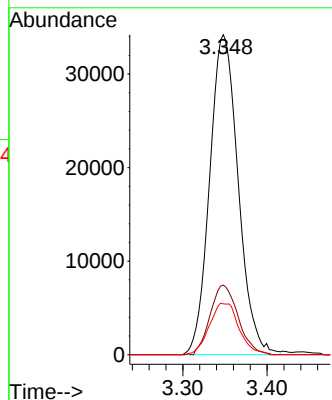
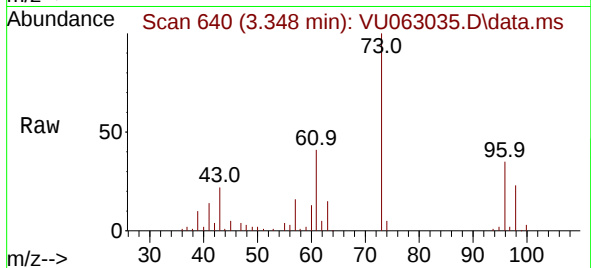




#17
Methyl tert-butyl Ether
Concen: 5.318 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

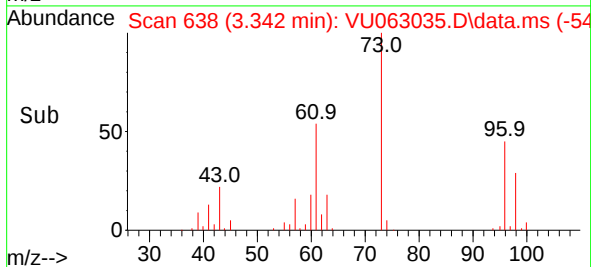
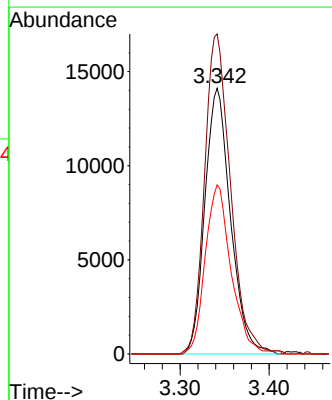
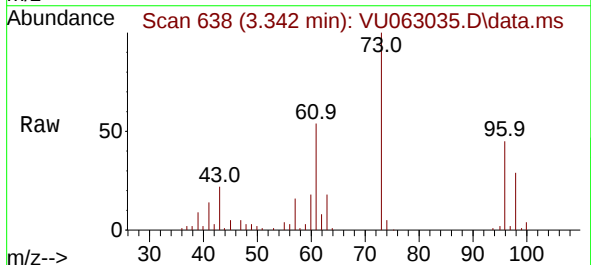
Instrument :
MSVOA_U
ClientSampleId :

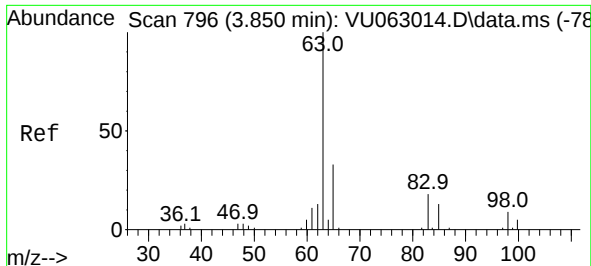
Tgt Ion: 73	Resp: 80546
Ion Ratio	Lower Upper
73	100
43	21.3 16.2 24.4
57	16.7 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.215 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.006 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

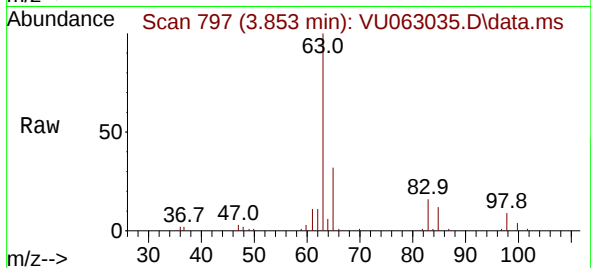
Tgt Ion: 96	Resp: 28219
Ion Ratio	Lower Upper
96	100
61	120.4 94.4 175.2
98	63.6 42.8 79.4



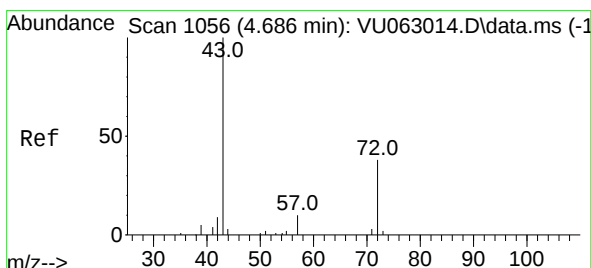
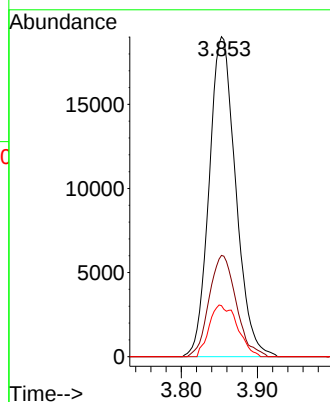
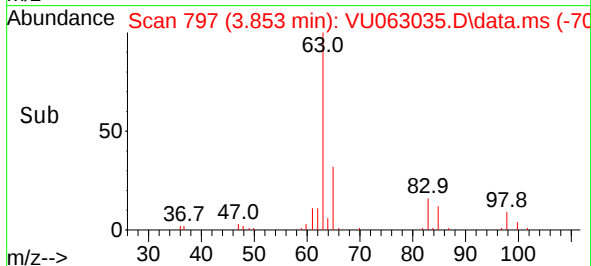


#19
1,1-Dichloroethane
Concen: 4.919 ug/L
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Instrument :
MSVOA_U
ClientSampleId :

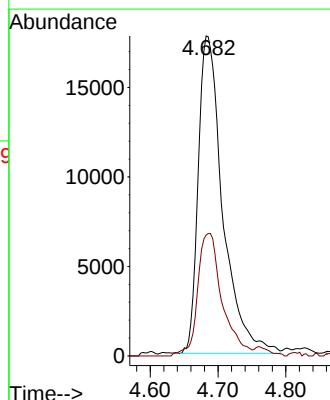
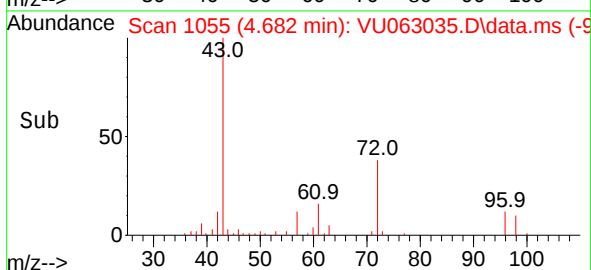
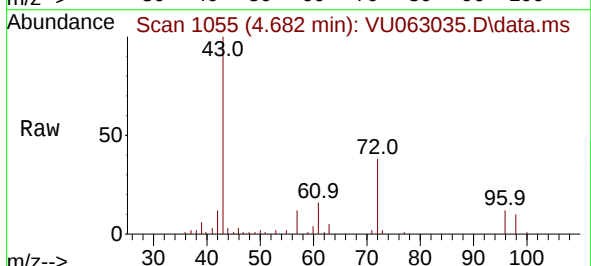


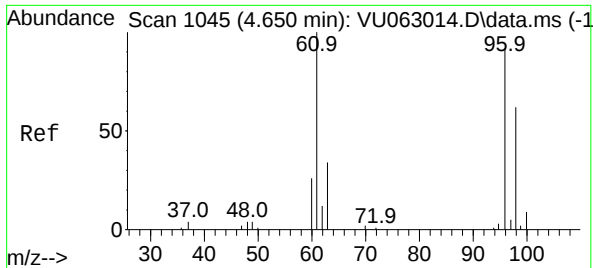
Tgt Ion: 63 Resp: 46139
Ion Ratio Lower Upper
63 100
65 31.7 20.7 38.5
83 16.0 10.5 19.5



#21
2-Butanone
Concen: 49.789 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion: 43 Resp: 44589
Ion Ratio Lower Upper
43 100
72 38.5 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 4.821 ug/L

RT: 4.650 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

ClientSampleId :

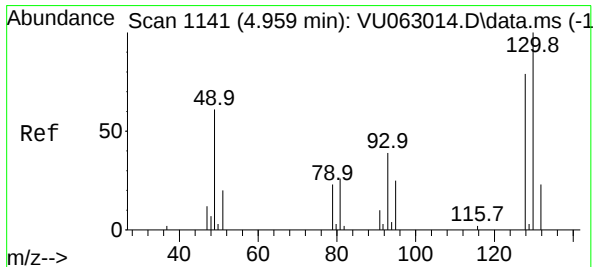
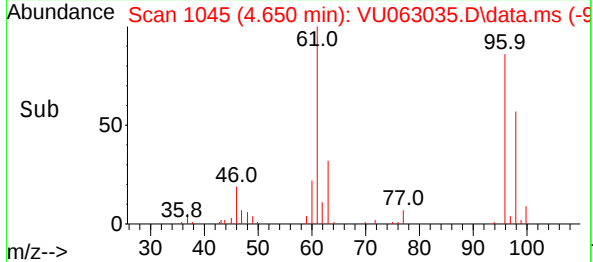
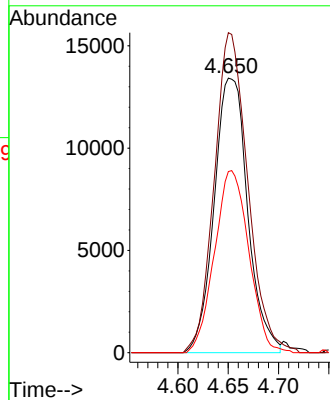
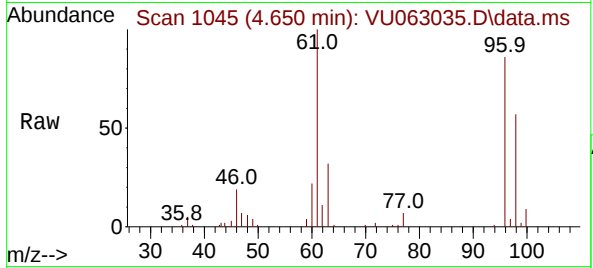
Tgt Ion: 96 Resp: 31173

Ion Ratio Lower Upper

96 100

61 116.5 84.8 157.6

98 66.0 43.1 80.1



#23

Bromochloromethane

Concen: 5.355 ug/L

RT: 4.959 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Tgt Ion:128 Resp: 17379

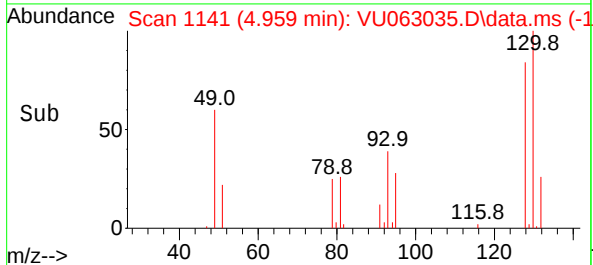
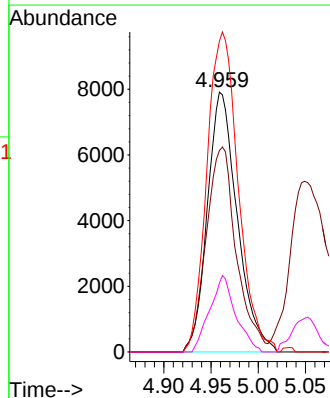
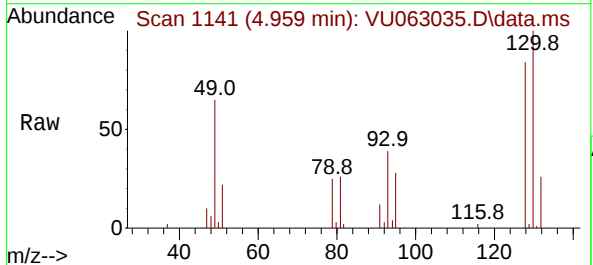
Ion Ratio Lower Upper

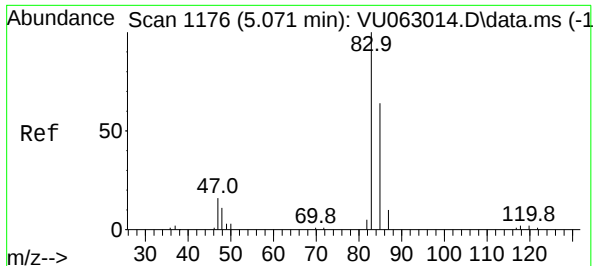
128 100

49 77.5 81.1 150.7#

130 119.6 94.9 176.3

51 26.4 30.6 46.0#





#25

Chloroform

Concen: 4.847 ug/L

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

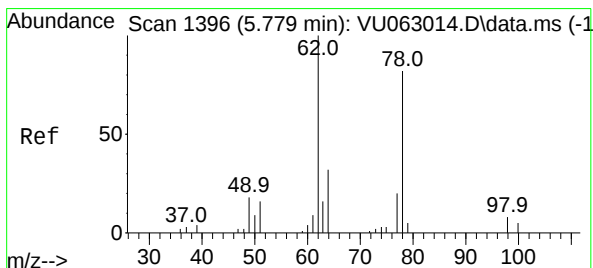
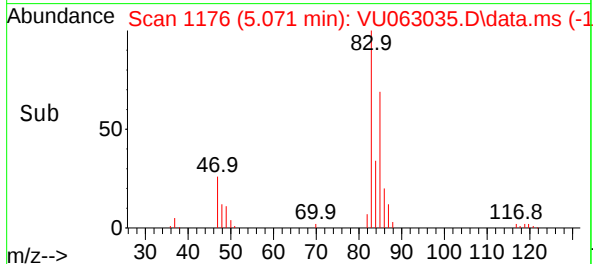
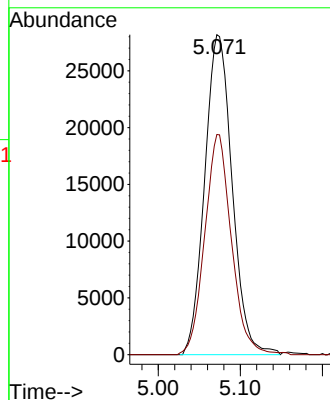
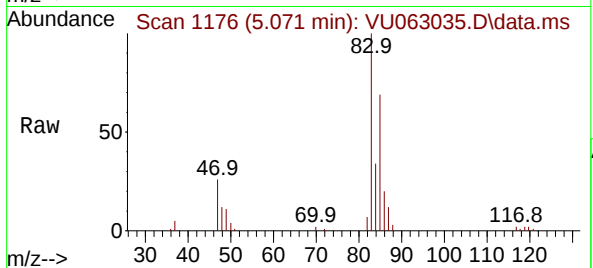
ClientSampleId :

Tgt Ion: 83 Resp: 65681

Ion Ratio Lower Upper

83 100

85 68.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.920 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063035.D

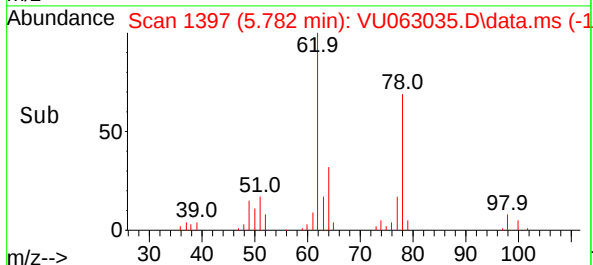
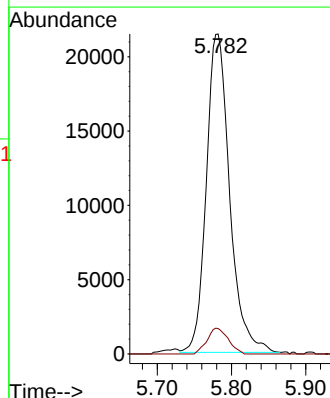
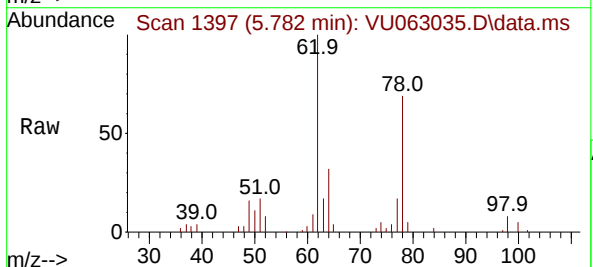
Acq: 27 Jan 2025 23:07

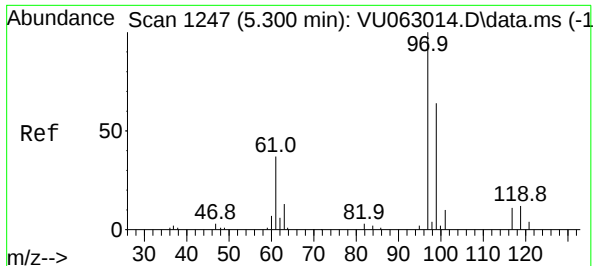
Tgt Ion: 62 Resp: 46728

Ion Ratio Lower Upper

62 100

98 8.0 5.8 8.6

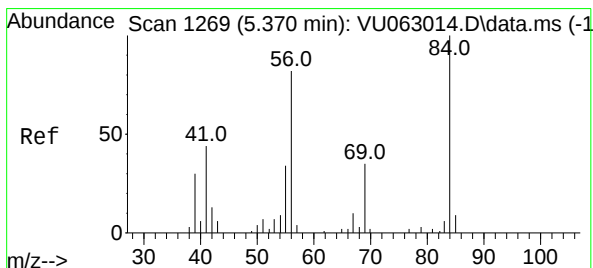
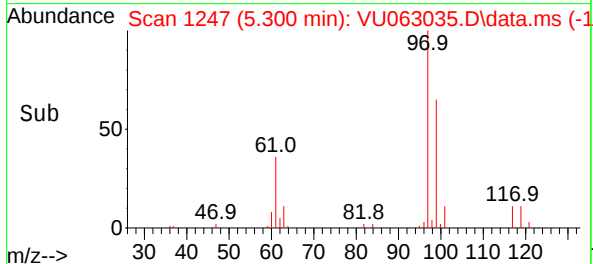
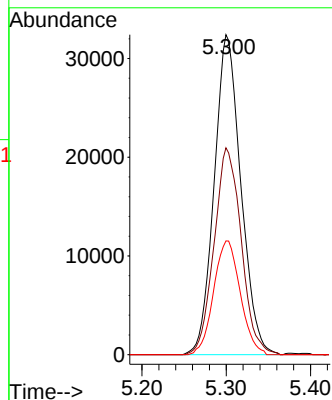
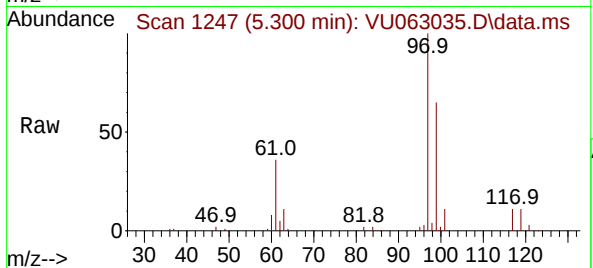




#29
1,1,1-Trichloroethane
Concen: 5.043 ug/L
RT: 5.300 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

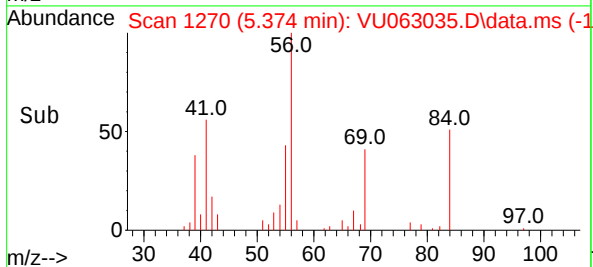
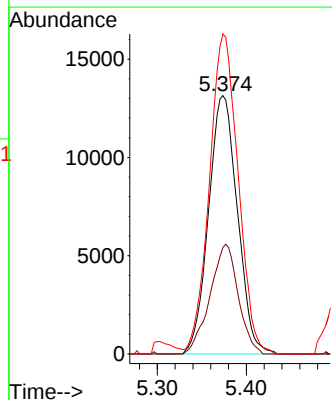
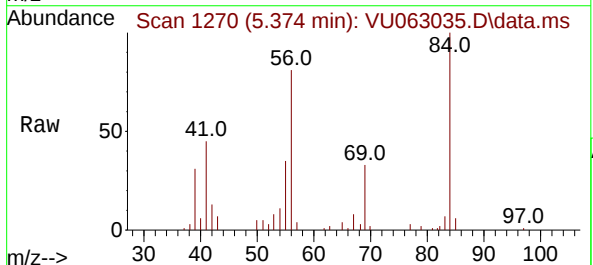
Instrument :
MSVOA_U
ClientSampleId :

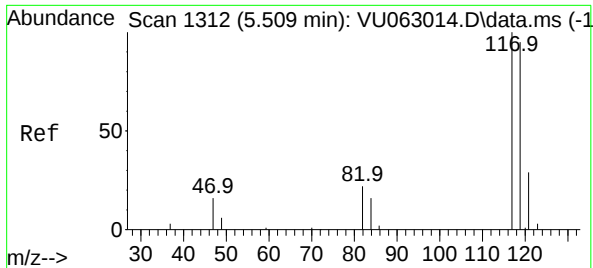
Tgt Ion: 97 Resp: 71220
Ion Ratio Lower Upper
97 100
99 65.7 52.4 78.6
61 35.5 32.2 48.4



#30
Cyclohexane
Concen: 4.503 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion: 56 Resp: 29617
Ion Ratio Lower Upper
56 100
69 41.6 28.3 42.5
84 123.3 76.5 114.7#

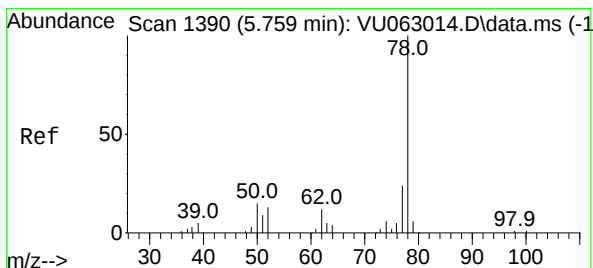
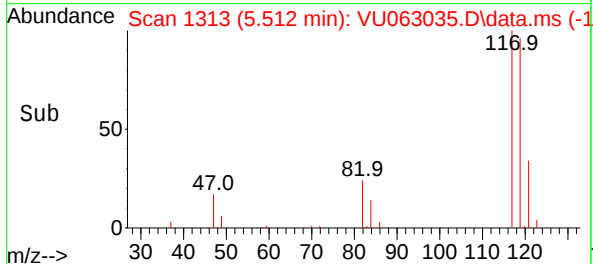
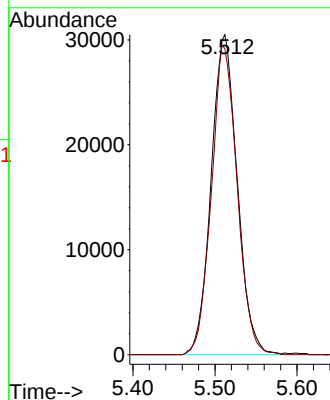
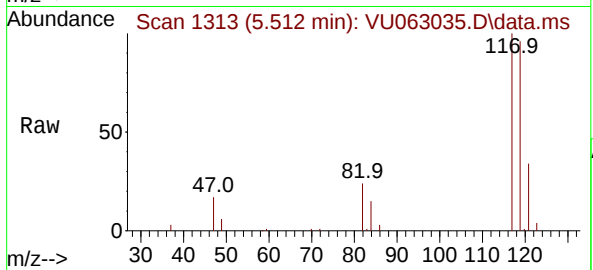




#31
Carbon tetrachloride
Concen: 4.959 ug/L
RT: 5.512 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

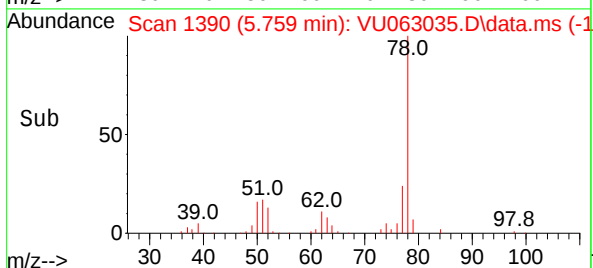
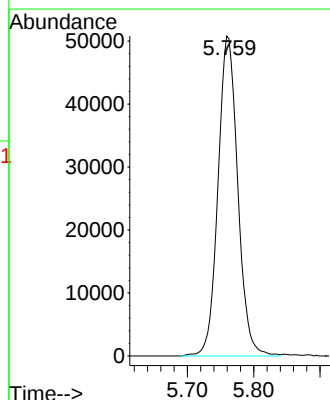
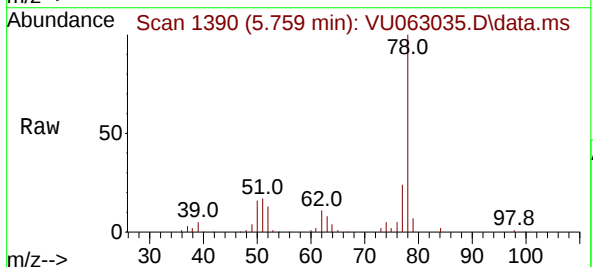
Instrument :
MSVOA_U
ClientSampleId :

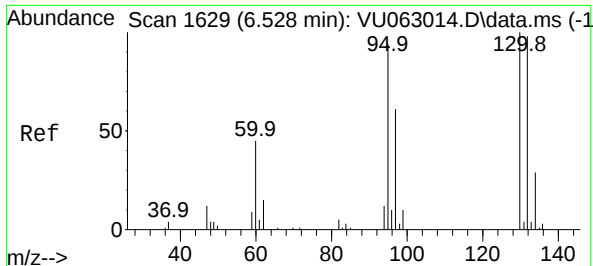
Tgt Ion:117 Resp: 67419
Ion Ratio Lower Upper
117 100
119 95.3 78.6 118.0



#33
Benzene
Concen: 4.769 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion: 78 Resp: 105218





#34

Trichloroethene

Concen: 4.761 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 35693

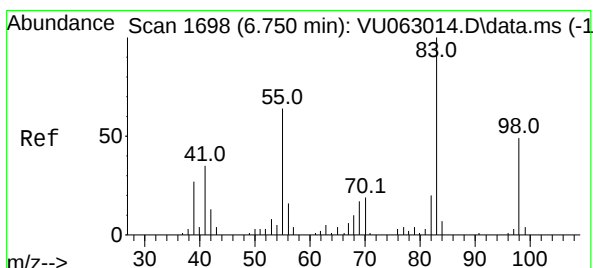
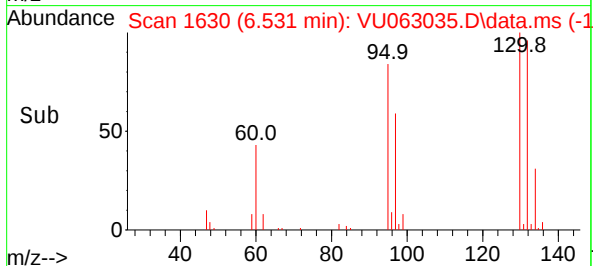
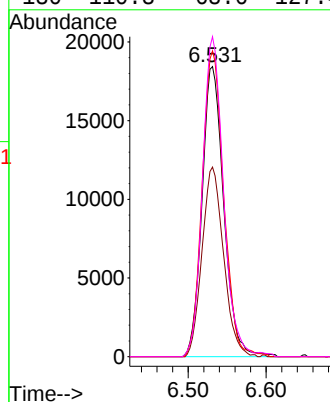
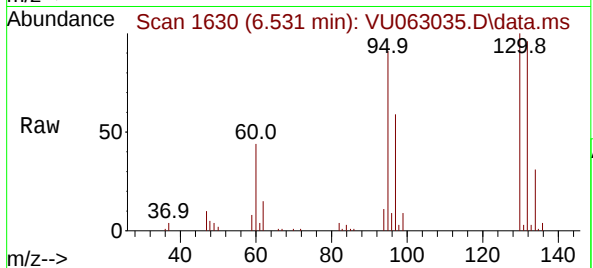
Ion Ratio Lower Upper

95 100

97 65.4 47.5 88.3

132 105.4 66.9 124.3

130 110.3 68.6 127.4



#35

Methylcyclohexane

Concen: 4.602 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

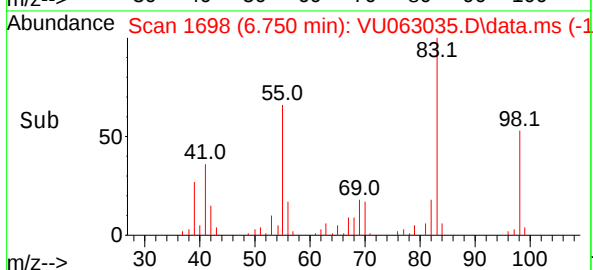
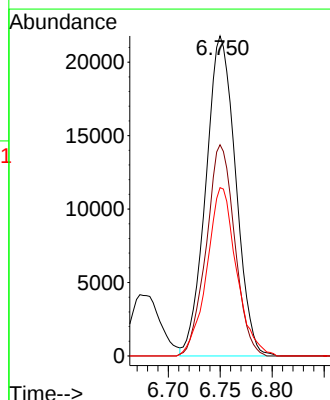
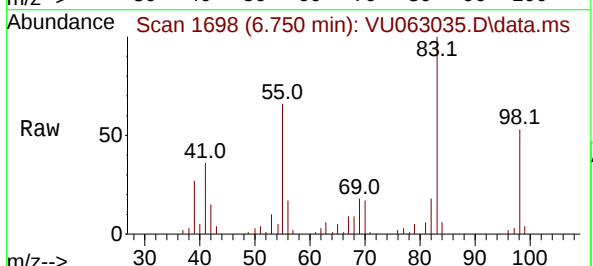
Tgt Ion: 83 Resp: 43473

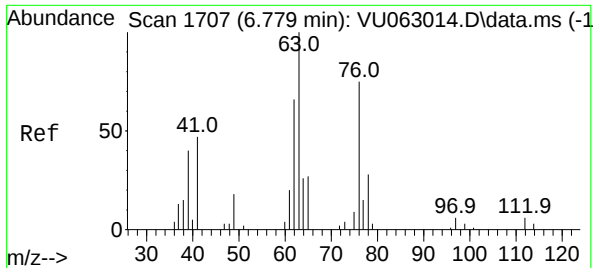
Ion Ratio Lower Upper

83 100

55 62.8 57.2 85.8

98 52.2 36.6 55.0

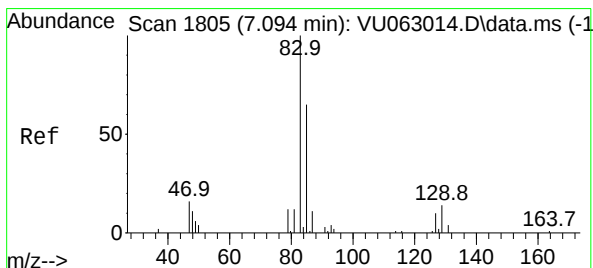
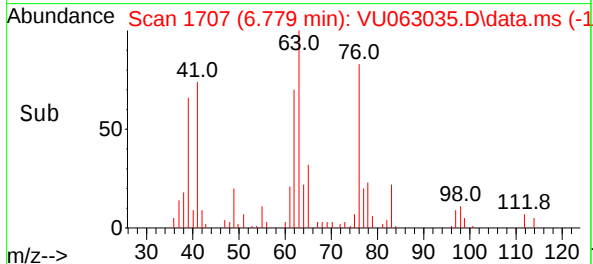
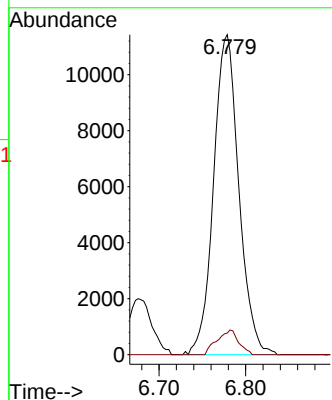
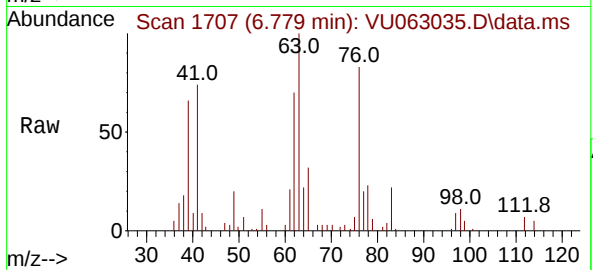




#37
1,2-Dichloropropane
Concen: 4.667 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

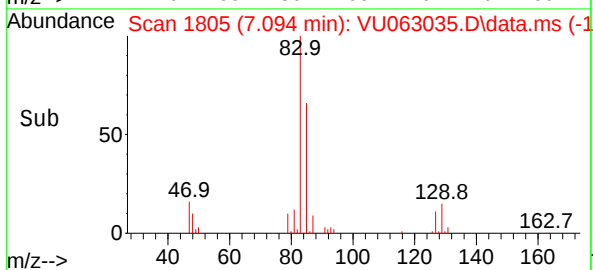
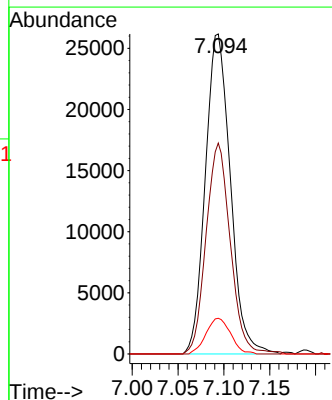
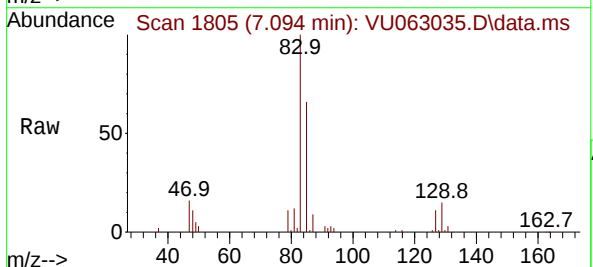
Instrument :
MSVOA_U
ClientSampleId :

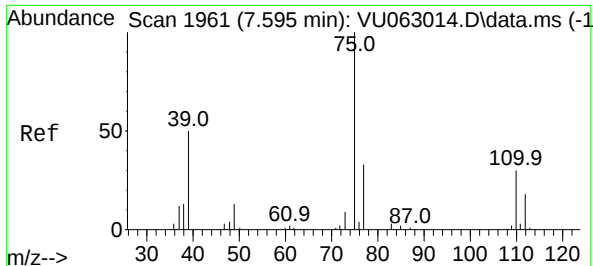
Tgt Ion: 63 Resp: 23158
Ion Ratio Lower Upper
63 100
112 6.5 3.8 5.8#



#38
Bromodichloromethane
Concen: 4.998 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion: 83 Resp: 49703
Ion Ratio Lower Upper
83 100
85 65.9 44.2 82.0
127 11.2 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.916 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

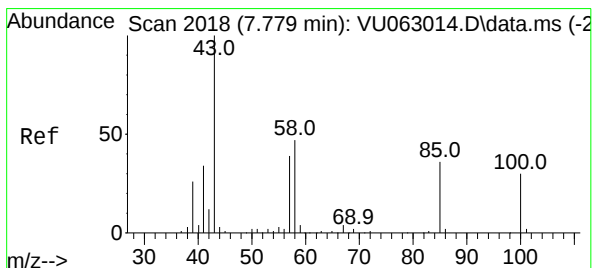
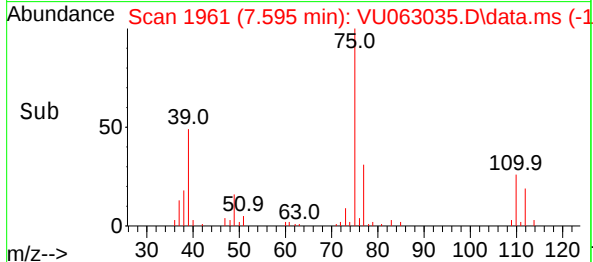
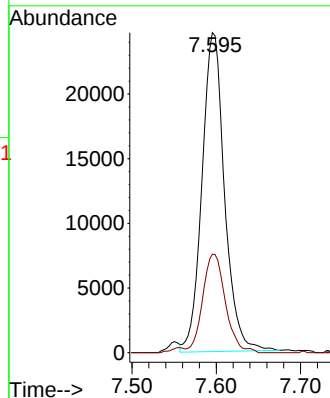
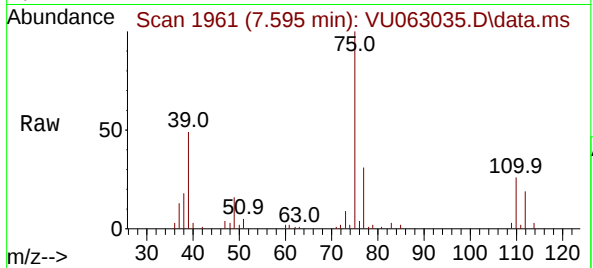
ClientSampleId :

Tgt Ion: 75 Resp: 45926

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 47.847 ug/L

RT: 7.775 min Scan# 1817

Delta R.T. -0.003 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

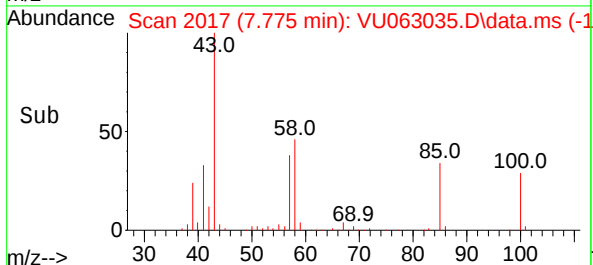
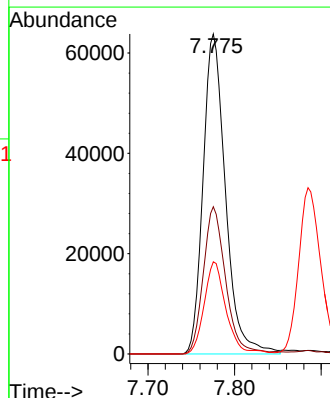
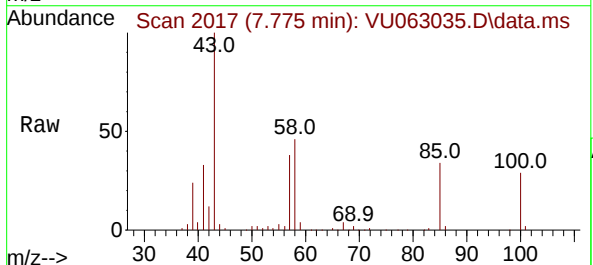
Tgt Ion: 43 Resp: 114540

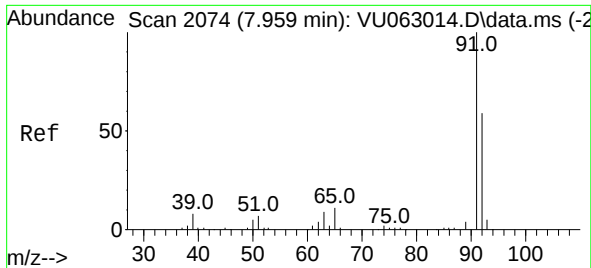
Ion Ratio Lower Upper

43 100

58 45.6 35.8 53.8

100 28.1 16.8 25.2#

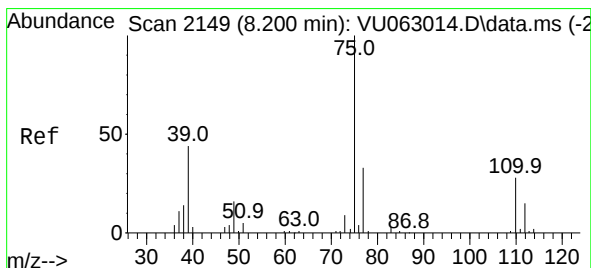
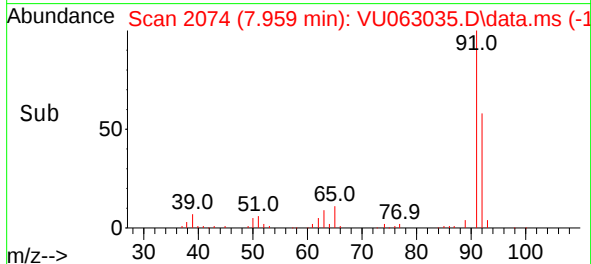
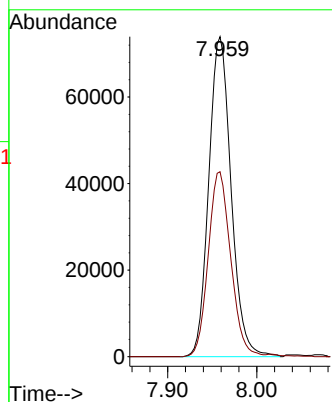
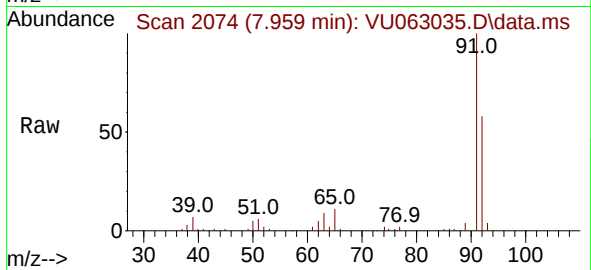




#42
Toluene
Concen: 4.909 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

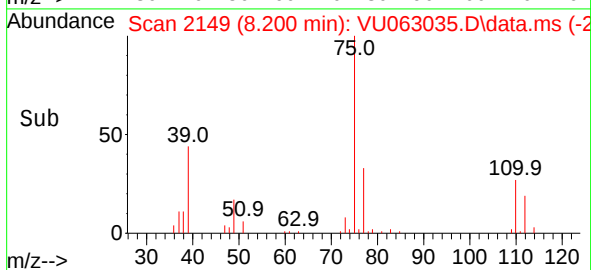
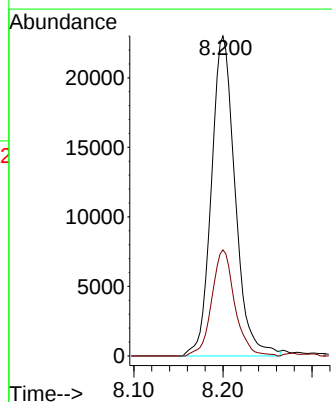
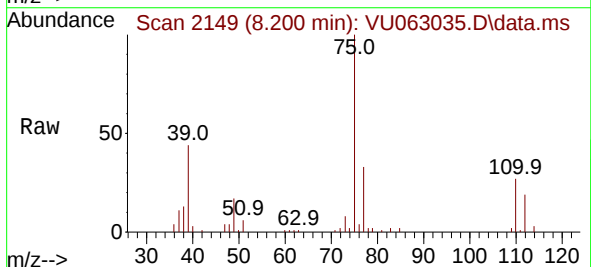
Instrument :
MSVOA_U
ClientSampleId :

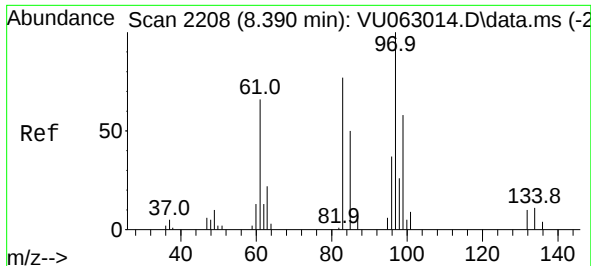
Tgt Ion: 91 Resp: 128750
Ion Ratio Lower Upper
91 100
92 57.8 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.948 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

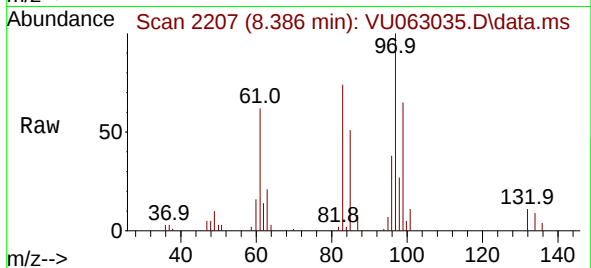
Tgt Ion: 75 Resp: 42581
Ion Ratio Lower Upper
75 100
77 33.2 21.8 40.6





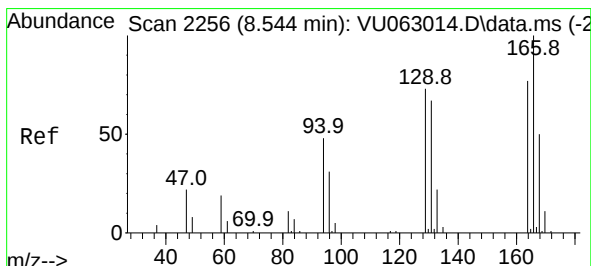
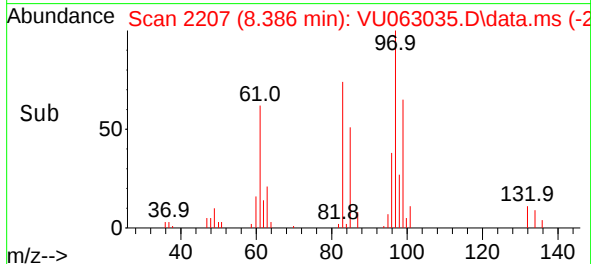
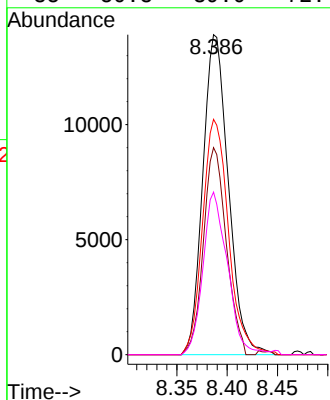
#45
1,1,2-Trichloroethane
Concen: 5.269 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 24609

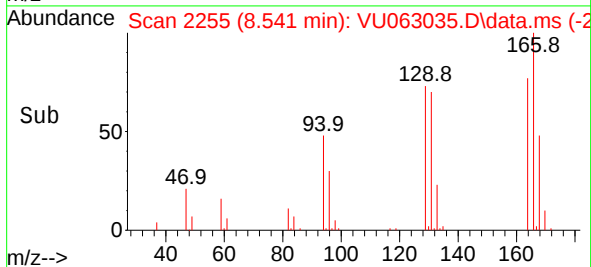
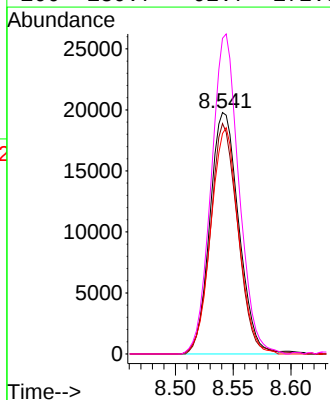
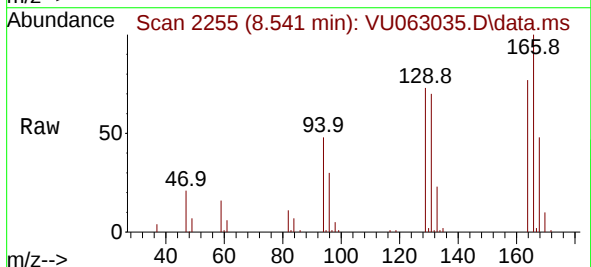
Ion	Ratio	Lower	Upper
97	100		
99	64.7	45.6	84.6
83	73.5	63.0	117.0
85	50.8	39.0	72.4

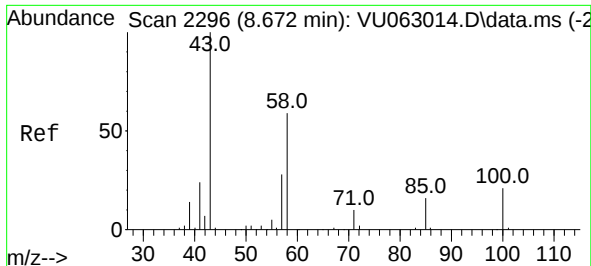


#47
Tetrachloroethene
Concen: 5.262 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion: 164 Resp: 34315

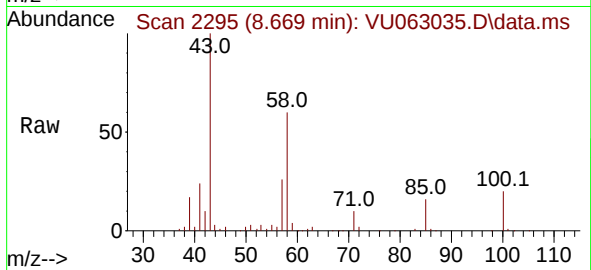
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.0	131.9
131	91.3	69.4	129.0
166	130.7	92.7	172.3



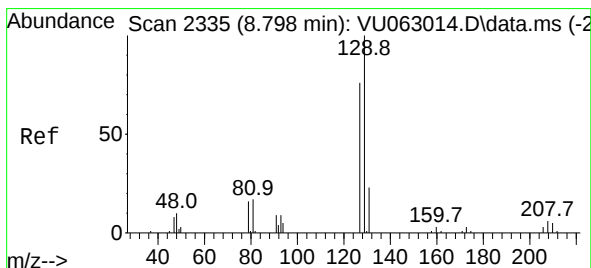
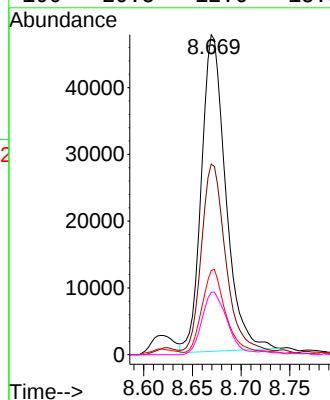
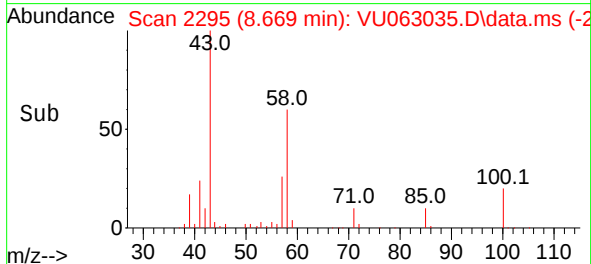


#48
2-Hexanone
Concen: 49.487 ug/L
RT: 8.669 min Scan# 2296
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Instrument :
MSVOA_U
ClientSampleId :

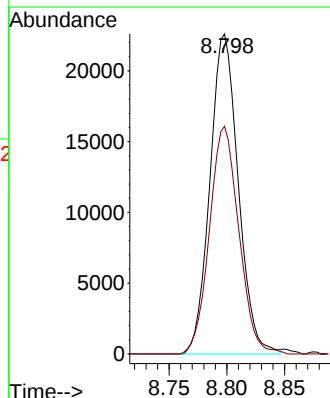
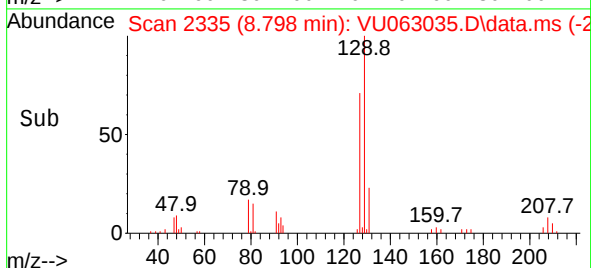
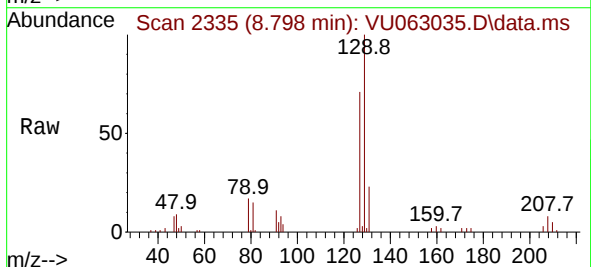


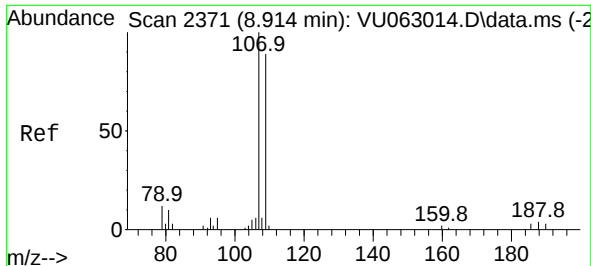
Tgt Ion: 43 Resp: 82169
Ion Ratio Lower Upper
43 100
58 59.3 50.2 75.4
57 26.4 19.9 29.9
100 20.5 12.6 18.8#



#49
Dibromochloromethane
Concen: 5.287 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

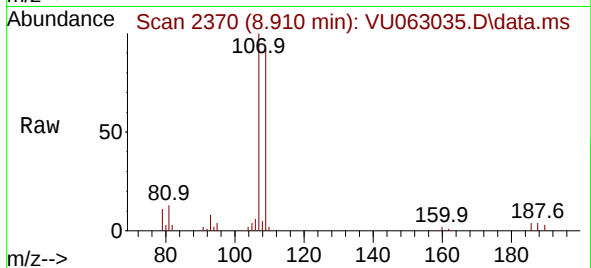
Tgt Ion: 129 Resp: 38535
Ion Ratio Lower Upper
129 100
127 71.1 52.1 96.9



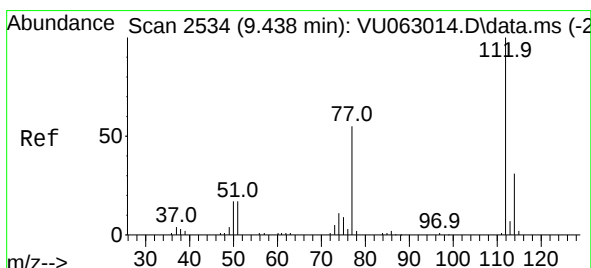
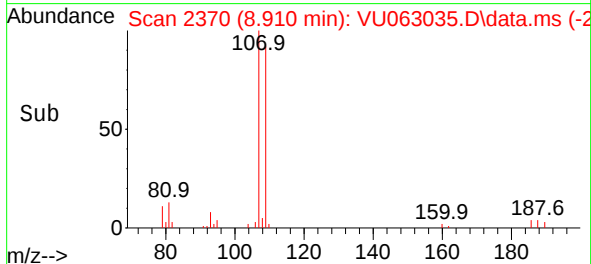
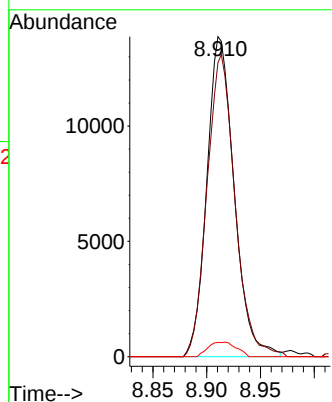


#50
1,2-Dibromoethane
Concen: 5.199 ug/L
RT: 8.910 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Instrument :
MSVOA_U
ClientSampleId :

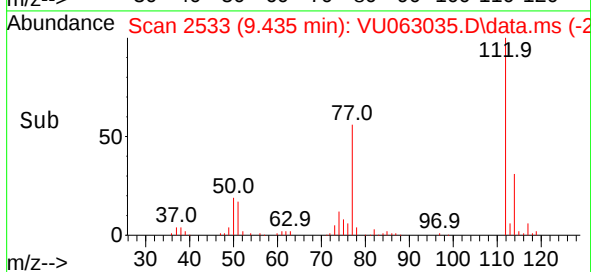
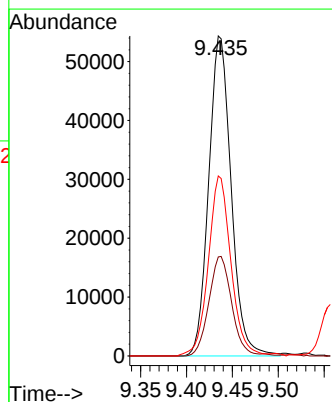
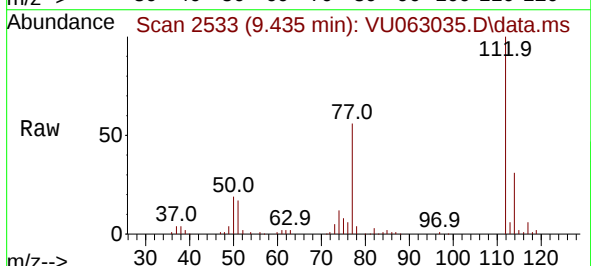


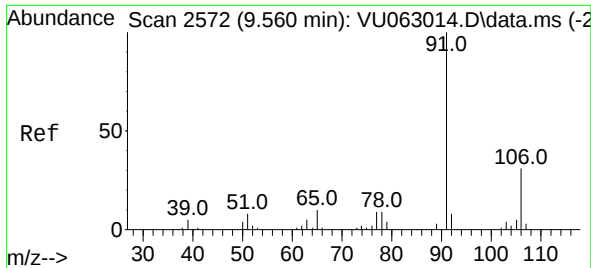
Tgt Ion:107 Resp: 24526
Ion Ratio Lower Upper
107 100
109 91.9 65.7 121.9
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 5.084 ug/L
RT: 9.435 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion:112 Resp: 92445
Ion Ratio Lower Upper
112 100
114 31.0 21.7 40.3
77 56.3 48.6 73.0

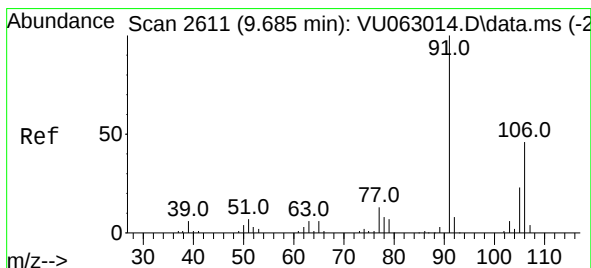
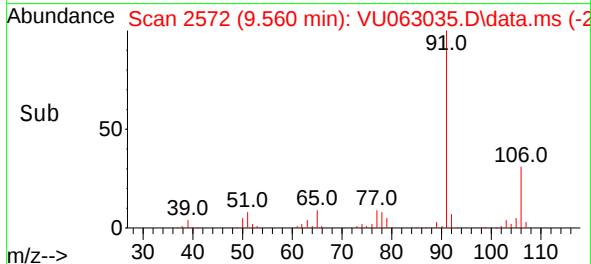
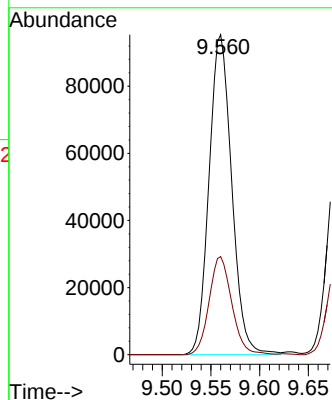
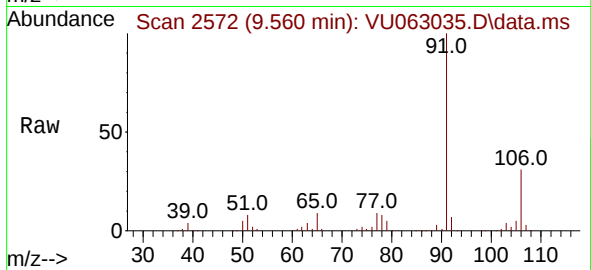




#52
Ethylbenzene
Concen: 5.042 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

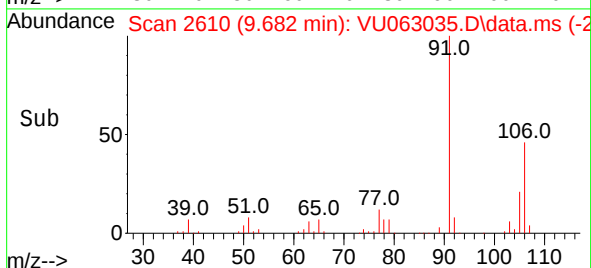
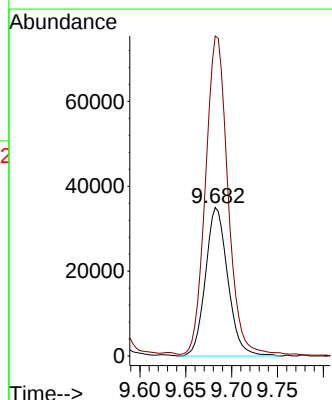
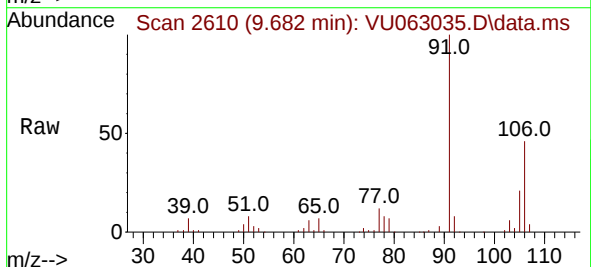
Instrument :
MSVOA_U
ClientSampleId :

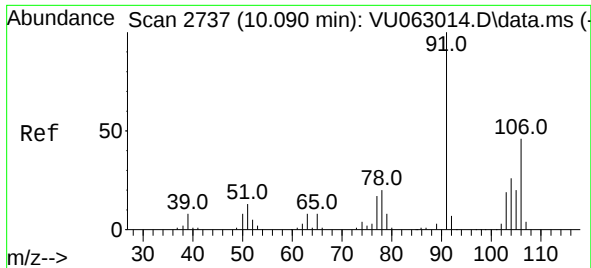
Tgt Ion: 91 Resp: 154116
Ion Ratio Lower Upper
91 100
106 30.6 21.9 40.7



#53
m,p-Xylene
Concen: 5.010 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion:106 Resp: 59137
Ion Ratio Lower Upper
106 100
91 215.5 153.1 284.3

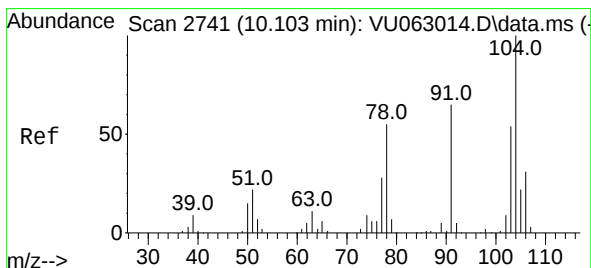
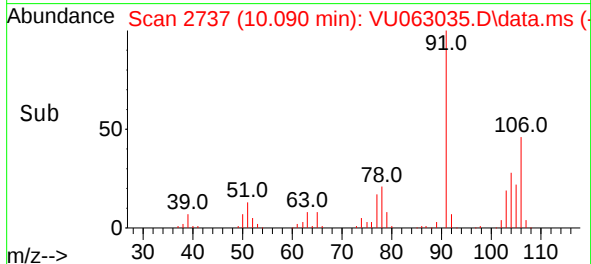
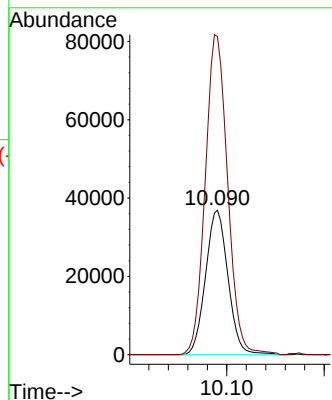
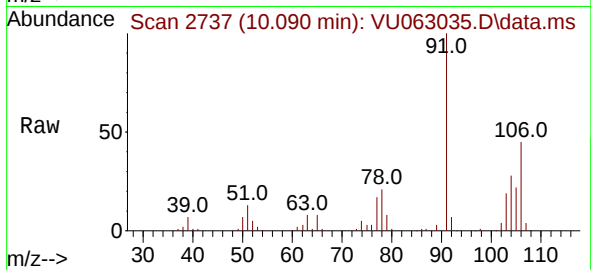




#54
o-Xylene
Concen: 5.450 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

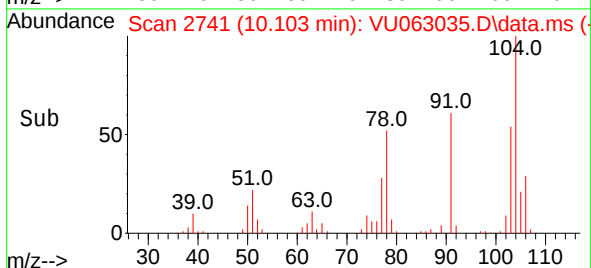
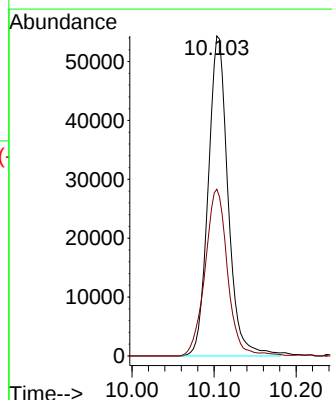
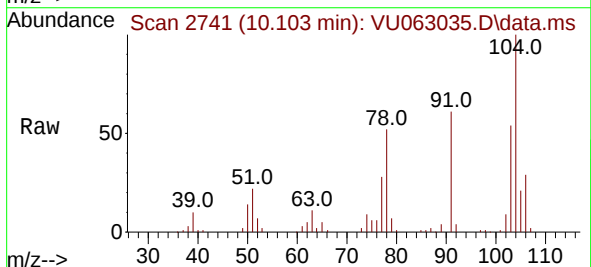
Instrument :
MSVOA_U
ClientSampleId :

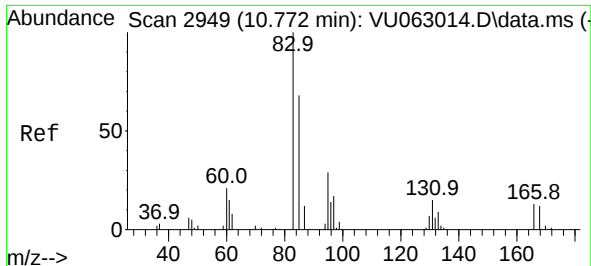
Tgt Ion:106 Resp: 58932
Ion Ratio Lower Upper
106 100
91 220.2 160.4 297.8



#55
Styrene
Concen: 5.001 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion:104 Resp: 91416
Ion Ratio Lower Upper
104 100
78 52.1 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.784 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

ClientSampleId :

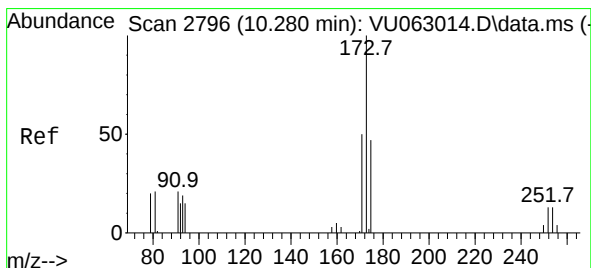
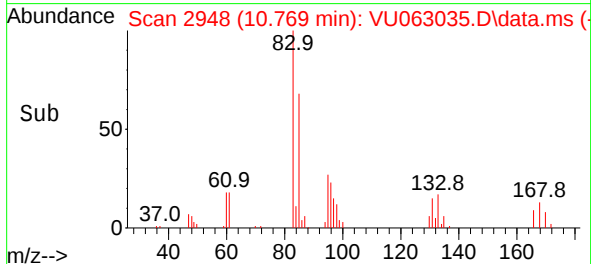
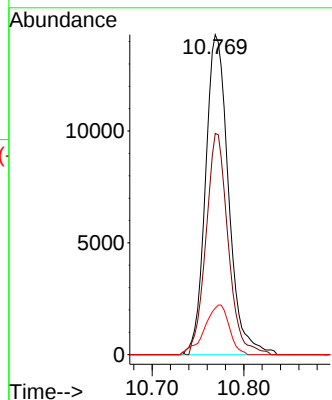
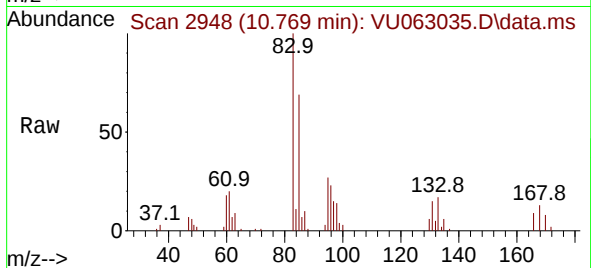
Tgt Ion: 83 Resp: 24996

Ion Ratio Lower Upper

83 100

85 69.1 43.0 79.8

131 14.5 7.4 11.0#



#59

Bromoform

Concen: 4.924 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

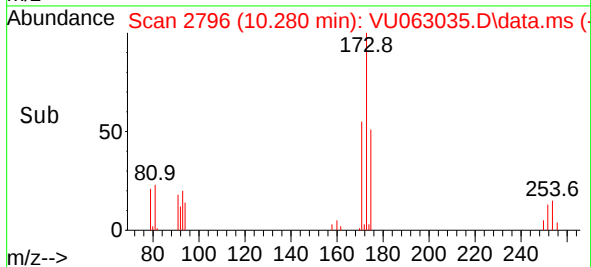
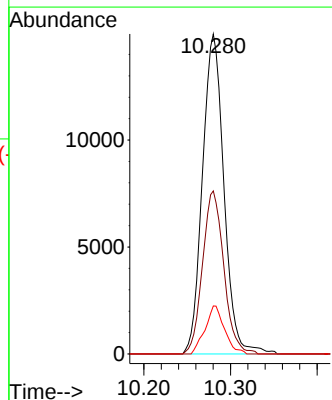
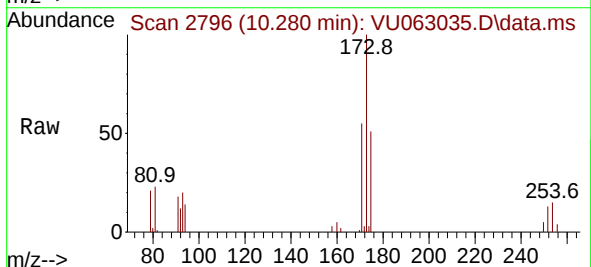
Tgt Ion:173 Resp: 25797

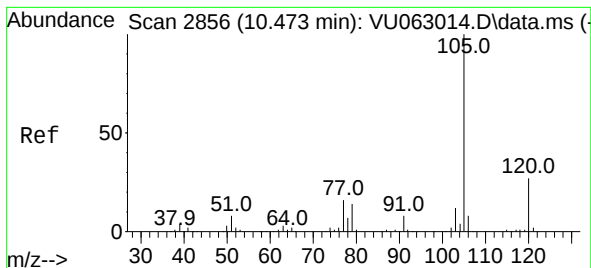
Ion Ratio Lower Upper

173 100

175 50.4 39.8 59.8

254 13.6 8.6 12.8#





#60

Isopropylbenzene

Concen: 4.851 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

ClientSampleId :

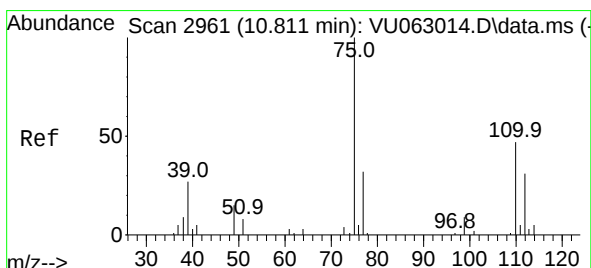
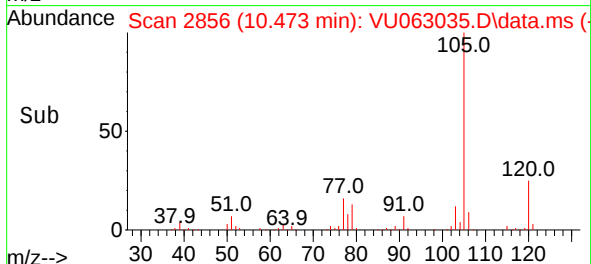
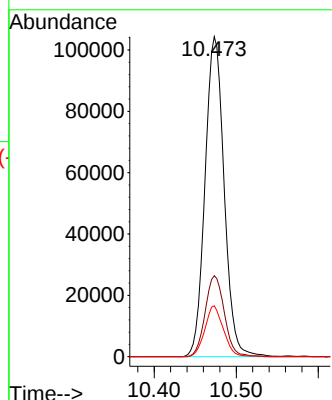
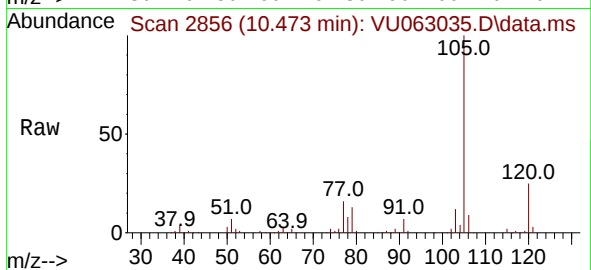
Tgt Ion:105 Resp: 169480

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.2

77 15.5 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.660 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

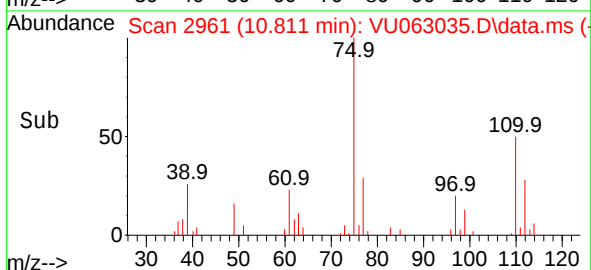
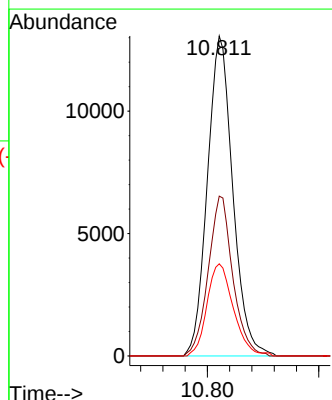
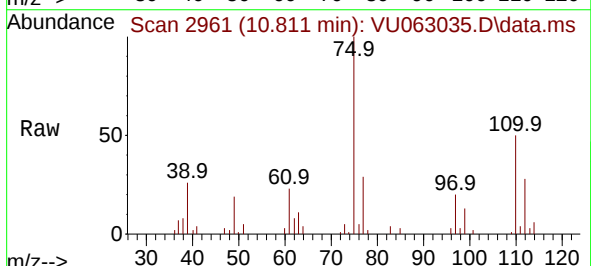
Tgt Ion: 75 Resp: 20676

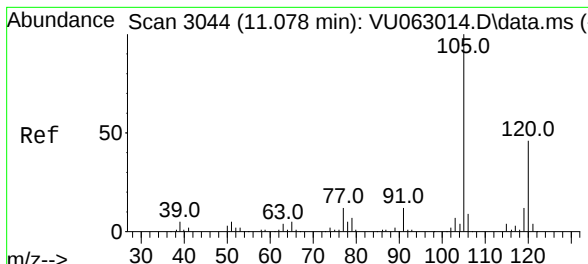
Ion Ratio Lower Upper

75 100

110 48.3 33.2 49.8

77 30.0 25.9 38.9

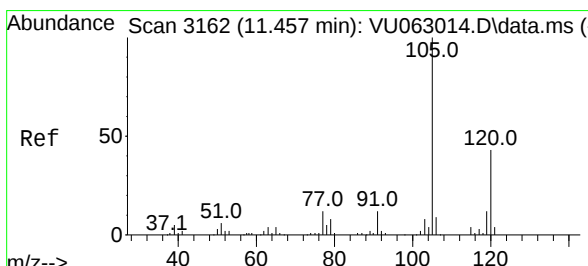
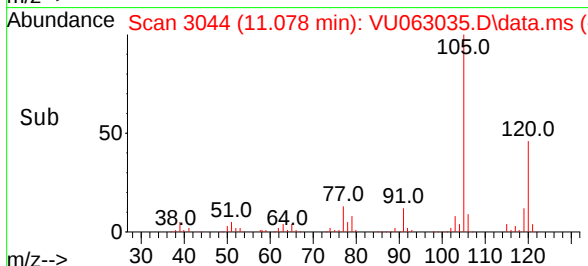
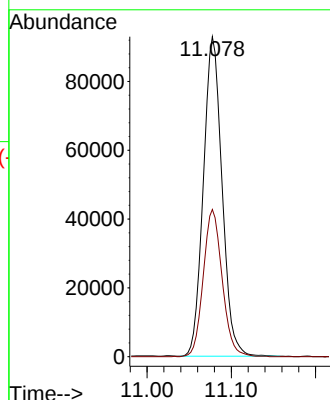
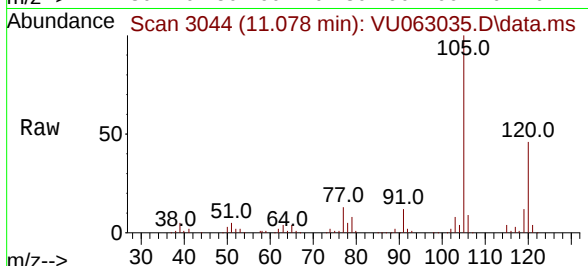




#62
1,3,5-Trimethylbenzene
Concen: 4.688 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

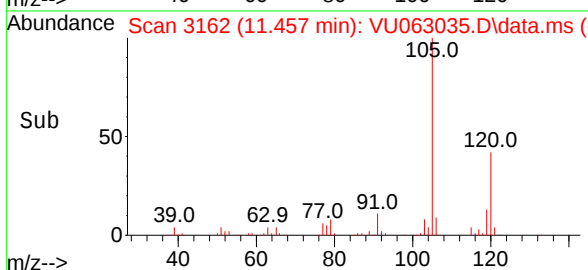
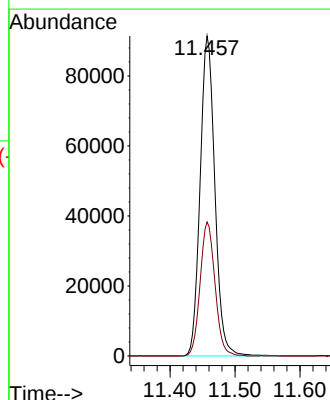
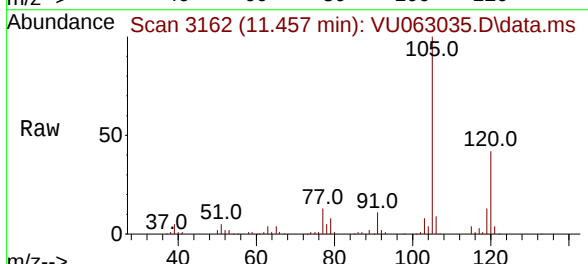
Instrument :
MSVOA_U
ClientSampleId :

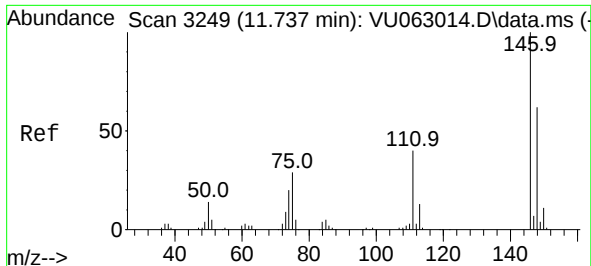
Tgt Ion:105 Resp: 143577
Ion Ratio Lower Upper
105 100
120 46.6 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.989 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion:105 Resp: 144531
Ion Ratio Lower Upper
105 100
120 42.2 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.920 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

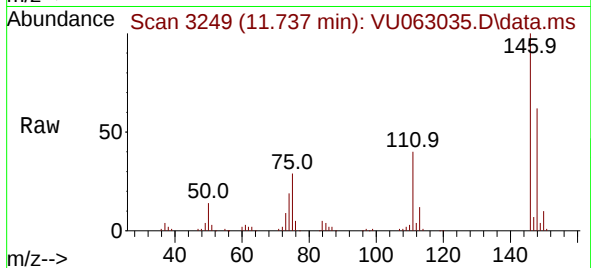
Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

ClientSampleId :



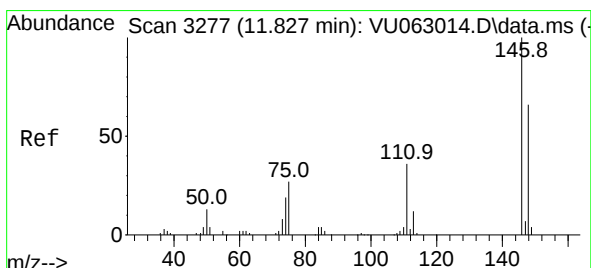
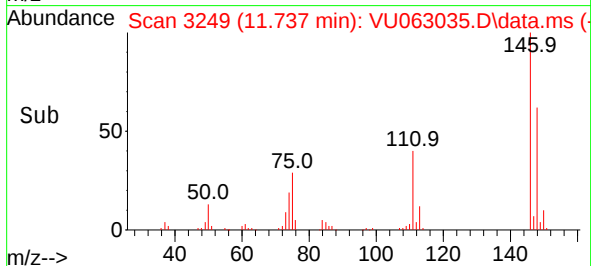
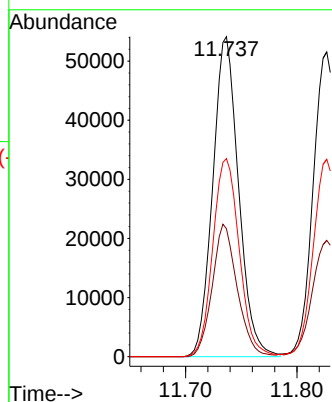
Tgt Ion:146 Resp: 87261

Ion Ratio Lower Upper

146 100

111 40.0 28.6 53.0

148 61.9 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.845 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

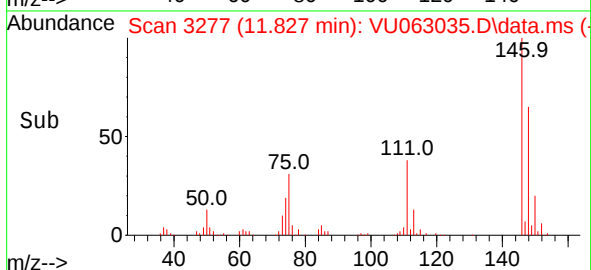
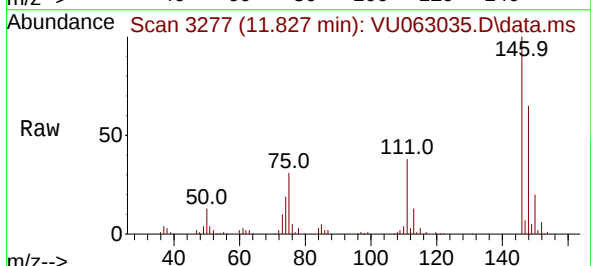
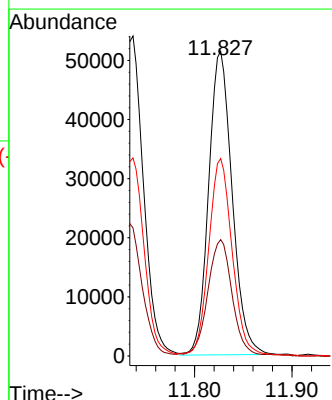
Tgt Ion:146 Resp: 86201

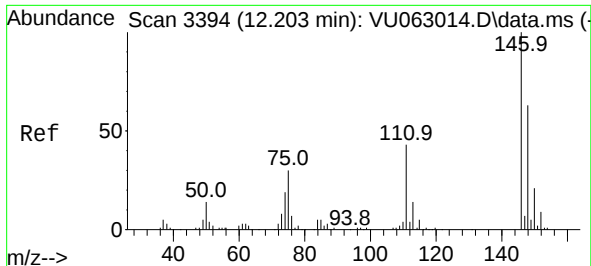
Ion Ratio Lower Upper

146 100

111 38.2 29.5 54.9

148 64.8 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.799 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

ClientSampleId :

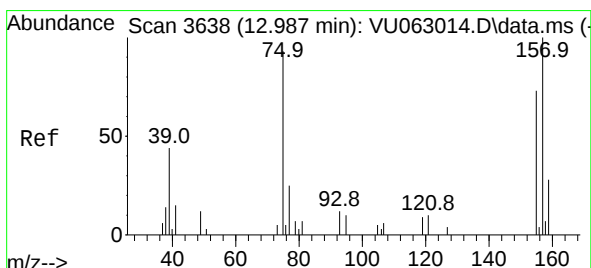
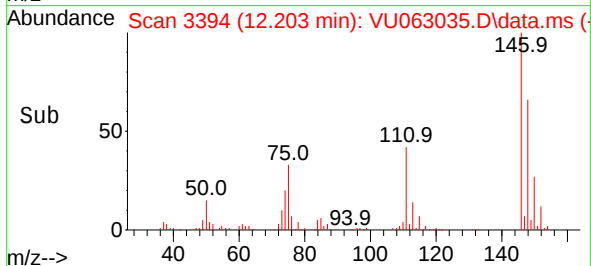
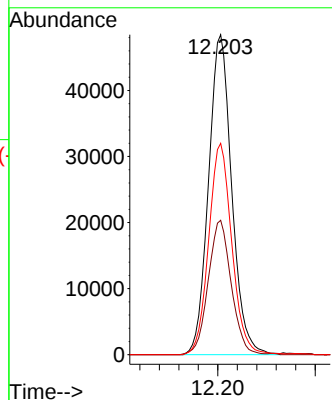
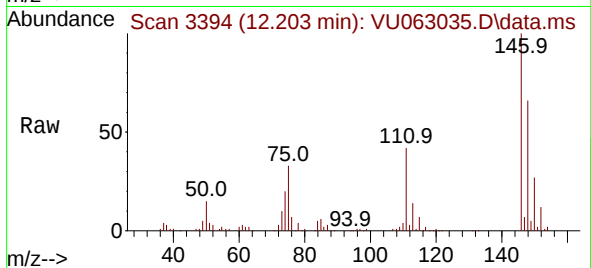
Tgt Ion:146 Resp: 80072

Ion Ratio Lower Upper

146 100

111 42.0 36.3 54.5

148 66.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.325 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

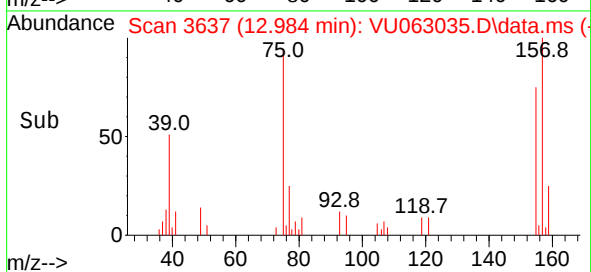
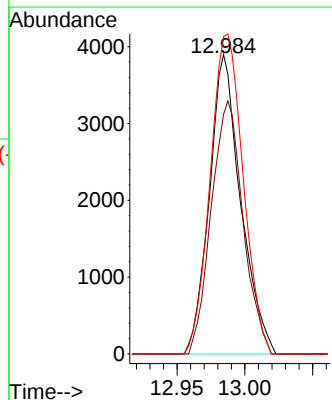
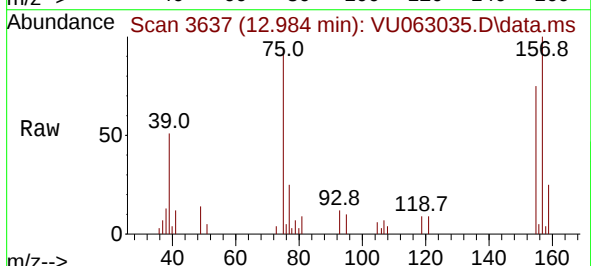
Tgt Ion: 75 Resp: 6247

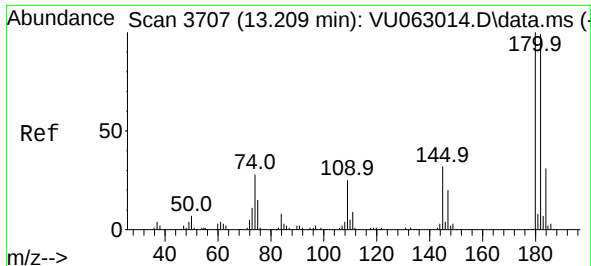
Ion Ratio Lower Upper

75 100

155 80.0 59.6 89.4

157 106.0 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 5.020 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

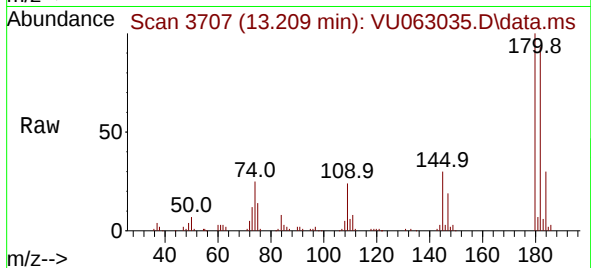
Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 71125

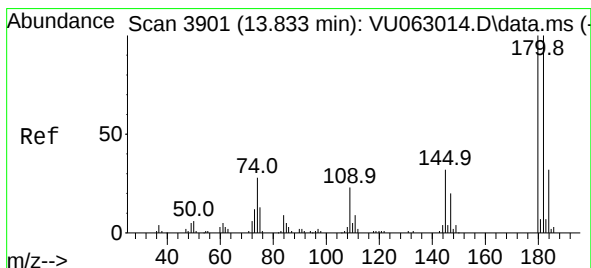
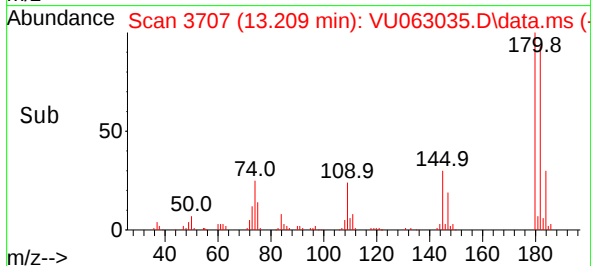
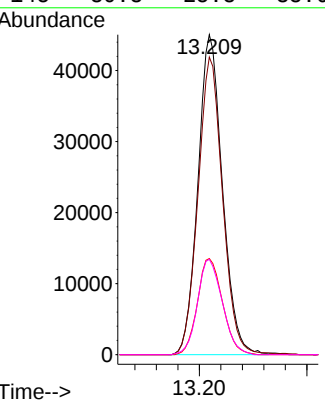
Ion Ratio Lower Upper

180 100

182 93.4 75.8 113.8

184 30.7 24.7 37.1

145 30.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.331 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063035.D

Acq: 27 Jan 2025 23:07

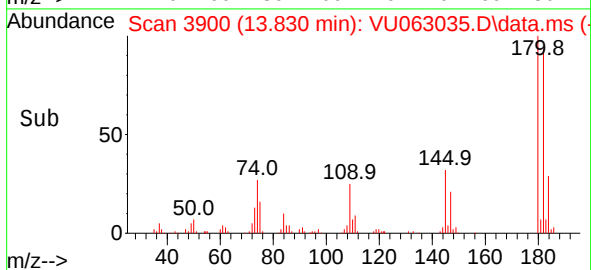
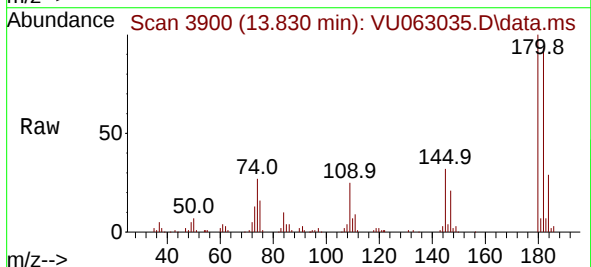
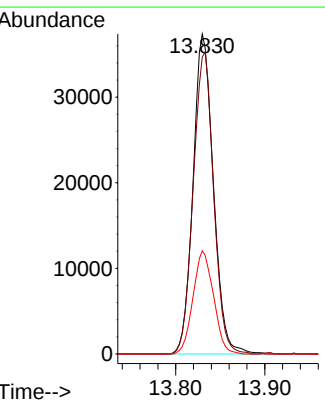
Tgt Ion:180 Resp: 59114

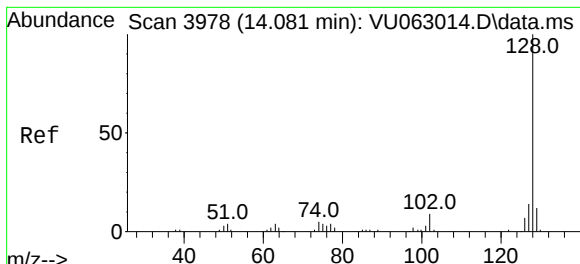
Ion Ratio Lower Upper

180 100

182 94.7 77.1 115.7

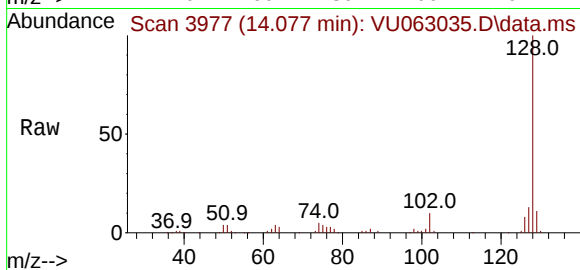
145 32.4 26.9 40.3



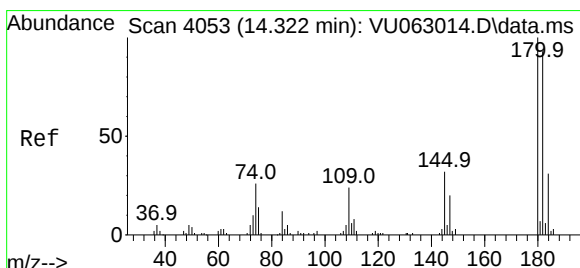
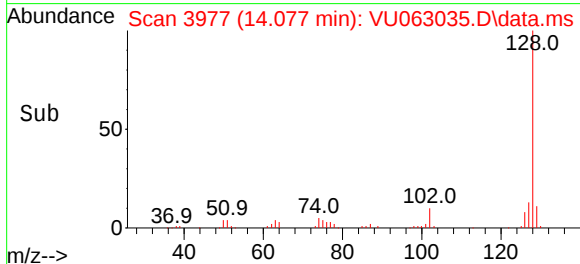
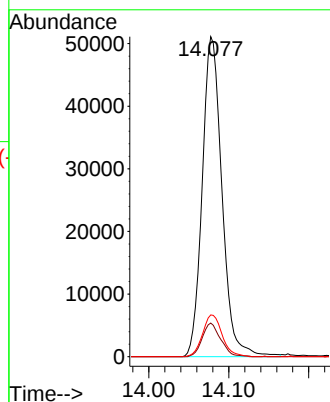


#71
Naphthalene
Concen: 6.182 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 87963
Ion Ratio Lower Upper
128 100
129 9.8 8.5 12.7
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.342 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063035.D
Acq: 27 Jan 2025 23:07

Tgt Ion:180 Resp: 51185
Ion Ratio Lower Upper
180 100
182 96.4 79.8 119.6
145 33.2 29.2 43.8

